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M.r Adrien Scherer.)

TABVLAE
SPECIALES
ABERRATIONIS
ET
NVTATIONIS
IN
ASCENSIONEM RECTAM
ET IN
DECLINATIONEM
AD SVPPVTANDAS STELLARVM FIXARVM
POSITIONES SIVE APPARENTES, SIVE VERAS
VNA CVM
INSIGNIORVM CCCCXCIV STELLARVM
ZODIACALIVM
CATALOGO NOVO
IN SPECVLA ASTRONOMICA ERNESTINA
AD INITIVM
ANNI MDCCC CONSTRVCTO, CVM ALIIS TABVLIS
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VOL. II.

GOTHAE,
IN LIBRARIA BECKERIANA
MDCCC VII.

ГПВЧУВА
ЬПВГІС
ЩЕЛАОЬК

1 γ Arietis in cornu duar. præced. 4 (*Meſarthim.*) 5

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	25° 38′ 41″		BRADL. 18°18′32″	
DE LA CAILLE	25 38 25		CAILLE 18 18 44	
TOB. MAYER	25 38 36		T. MAY. 18 18 42	
DE LAMBRE	25 38 39	+	L.LAND. 18 18 41	+
DE ZACH	25 38 38	48,″87	CASSIN. 18 18 36	18,″09

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 0 6	— 17,″41 +		— 5,″11 +	
10	18, 75	1,″34	6, 00	0,″89
20	19, 48	0, 73	6, 81	0, 81
		0, 17		0, 42
1 0 7	19, 65		7, 23	
10	19, 20	0, 45	7, 54	0, 31
20	18, 17	1, 03	7, 62	0, 08
		1, 57		0, 16
2 0 8	16, 60		7, 46	
10	14, 53	2, 07	7, 08	0, 38
20	12, 00	2, 53	6, 45	0, 63
		2, 90		0, 78
3 0 9	9, 10		5, 67	
10	5, 94	3, 16	4, 71	0, 96
20	— 2, 59 +	3, 35	3, 57	1, 14
		3, 42		1, 22
4 0 10	+ 0, 83 —		2, 35	
10	4, 23	3, 40	— 1, 06 +	1, 29
20	7, 49	3, 26	+ 0, 36 —	1, 42
		3, 05		1, 21
5 0 11	10, 54		1, 57	
10	13, 27	2, 73	2, 85	1, 28
20	15, 58	2, 31	4, 03	1, 18

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″85 +		+ 4,″12 —	
10	5, 81	2,″96	2, 94	1,″18
20	8, 61	2, 80	1, 68	1, 26
		2, 53		1, 31
1 0 7	11, 14		+ 0, 37 —	
10	13, 34	2, 20	— 0, 94 +	1, 31
20	15, 13	1, 79	2, 26	1, 32
		1, 33		1, 23
2 0 8	16, 46		3, 49	
10	17, 30	0, 84	4, 62	1, 13
20	17, 59	0, 29	5, 59	0, 97
		0, 23		0, 81
3 0 9	17, 36		6, 40	
10	16, 60	0, 76	7, 00	0, 60
20	15, 35	1, 25	7, 43	0, 43
		1, 74		0, 18
4 0 10	13, 61		7, 61	
10	11, 47	2, 14	7, 54	0, 07
20	8, 98	2, 49	7, 26	0, 28
		2, 76		0, 51
5 0 11	6, 22		6, 75	
10	3, 27	2, 95	6, 06	0, 69
20	0, 22	3, 05	5, 17	0, 89

β Arietis ſequens borea. 3 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	25° 54′ 14″	+ 49,″15	BRADL. 19° 49′ 33″	+ 18,″06
DE LA CAILLE	25 53 59		CAILLE 19 49 35	
TOB. MAYER	25 54 6		T. MAY. 19 49 37	
DE LAMBRE	25 54 14		L.LAND. 19 49 41	
DE ZACH	25 54 11		CASSIN. 19 49 39	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″53 +		— 4,″80 +	
10	18, 89	1,″36	5, 78	0,″98
20	19, 68	0, 79	6, 58	0, 80
		0, 17		0, 59
1 0 7	19, 85		7, 17	
10	19, 41	0, 44	7, 56	0, 39
20	18, 39	1, 02	7, 75	0, 19
		1, 58		0, 11
2 0 8	16, 81		7, 64	
10	14, 72	2, 09	7, 36	0, 28
20	12, 19	2, 53	6, 83	0, 53
		2, 90		0, 73
3 0 9	9, 29		6, 10	
10	6, 10	3, 19	5, 17	0, 93
20	— 2, 73 +	3, 37	4, 09	1, 08
		3, 46		1, 21
4 0 10	+ 0, 73 —		2, 88	
10	4, 17	3, 44	1, 49	1, 39
20	7, 46	3, 29	— 0, 19 +	1, 30
		3, 10		1, 27
5 0 11	10, 56		+ 1, 08 —	
10	13, 32	2, 76	2, 41	1, 33
20	15, 66	2, 34	3, 69	1, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″10 +		+ 4,″16 —	
10	6, 08	2,″98	2, 99	1,″17
20	8, 88	2, 80	1, 72	1, 27
		2, 53		1, 31
1 0 7	11, 41		+ 0, 41 —	
10	13, 60	2, 19	— 0, 89 +	1, 30
20	15, 36	1, 76	2, 22	1, 33
		1, 31		1, 23
2 0 8	16, 67		3, 45	
10	17, 48	0, 81	4, 59	1, 14
20	17, 74	0, 26	5, 57	0, 98
		0, 27		0, 82
3 0 9	17, 47		6, 39	
10	16, 66	0, 81	7, 00	0, 61
20	15, 36	1, 30	7, 43	0, 43
		1, 78		0, 19
4 0 10	13, 58		7, 62	
10	11, 39	2, 19	7, 56	0, 06
20	8, 86	2, 53	7, 29	0, 27
		2, 81		0, 50
5 0 11	6, 05		6, 79	
10	— 3, 08 +	2, 97	6, 10	0, 69
20	+ 0, 01 —	3, 09	5, 22	0, 88

α Arietis in Cervice. 6 8

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	26° 36′ 43″	+ 48,″71	BRADL. 16°50′ 8″	+ 17,″95
DE LA CAILLE	26 36 35		CAILLE 16 50 10	
TOB. MAYER	26 36 34		T. MAY. 16 50 11	
DE ZACH	26 36 40			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″13 +		— 5,″28 +	
10	18, 50	1,″37	6, 10	0,″82
20	19, 31	0, 81	6, 70	0, 60
		0, 23		0, 43
1 0 7	19, 54	0, 39	7, 13	0, 22
10	19, 15	0, 96	7, 35	0, 00
20	18, 19	1, 53	7, 35	0, 12
2 0 8	16, 66	2, 00	7, 23	0, 50
10	14, 66	2, 47	6, 73	0, 71
20	12, 19	2, 83	6, 02	0, 84
3 0 9	9, 36	3, 11	5, 18	1, 00
10	6, 25	3, 31	4, 18	1, 12
20	— 2, 94 +	3, 41	3, 06	1, 22
4 0 10	+ 0, 47 —	3, 33	1, 84	1, 25
10	3, 80	3, 32	— 0, 59 +	1, 29
20	7, 12	3, 05	+ 0, 70 —	1, 27
5 0 11	10, 17	2, 74	1, 97	1, 20
10	12, 91	2, 33	3, 17	1, 13
20	15, 24		4, 30	

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″59 +		+ 4,″26 —	
10	5, 55	2,″96	3, 10	1,″16
20	8, 35	2, 80	1, 82	1, 28
		2, 53		1, 29
1 0 7	10, 88	2, 22	+ 0, 53 —	1, 31
10	13, 10	1, 81	— 0, 78 +	1, 33
20	14, 91	1, 36	2, 11	1, 26
2 0 8	16, 27	0, 87	3, 37	1, 15
10	17, 14	0, 33	4, 52	0, 99
20	17, 47	0, 18	5, 51	0, 83
3 0 9	17, 29	0, 72	6, 34	0, 65
10	16, 57	1, 21	6, 99	0, 44
20	15, 36	1, 68	7, 43	0, 20
4 0 10	13, 68	2, 11	7, 63	0, 04
10	11, 57	2, 44	7, 59	0, 24
20	9, 13	2, 73	7, 35	0, 50
5 0 11	6, 40	2, 91	6, 85	0, 67
10	3, 49	3, 04	6, 18	0, 87
20	0, 45		5, 31	

λ Arietis in Vertice. 55 9

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	26° 42′ 19″	+	FLAMS. 22°36′54″	+
DE ZACH	26 42 13	49, 73	D. ZACH 22 37 4	17, 93

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♈ 0 0 6	— 17,″74 +		— 4,″22 +	
10	19, 17	1,″43	5, 34	1,″12
20	20, 02	0, 85	6, 30	0, 96
♈ 1 0 7	20, 26	0, 24	7, 05	0, 75
10	19, 86	0, 40	7, 62	0, 57
20	18, 87	0, 99	7, 94	0, 32
♈ 2 0 8	17, 30	1, 57	8, 04	0, 10
10	15, 22	2, 08	7, 84	0, 20
20	12, 68	2, 54	7, 47	0, 37
♈ 3 0 9	9, 76	2, 92	6, 87	0, 60
10	6, 51	3, 25	6, 04	0, 83
20	— 3, 09 +	3, 42	5, 00	1, 04
♈ 4 0 10	+ 0, 44 —	3, 53	3, 85	1, 15
10	3, 95	3, 51	2, 56	1, 29
20	7, 33	3, 38	— 1, 20 +	1, 36
♈ 5 0 11	10, 51	3, 18	+ 0, 19 —	1, 39
10	13, 36	2, 85	1, 60	1, 41
20	15, 78	2, 42	2, 95	1, 35

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♈ 0 0 6	— 3,″55 +		+ 4,″28 —	
10	6, 57	3,″02	3, 13	1,″15
20	9, 39	2, 82	1, 85	1, 28
♈ 1 0 7	11, 91	2, 52	+ 0, 54 —	1, 31
10	14, 08	2, 17	— 0, 77 +	1, 31
20	15, 82	1, 74	2, 10	1, 33
♈ 2 0 8	17, 08	1, 26	3, 36	1, 26
10	17, 83	0, 75	4, 51	1, 15
20	18, 03	0, 20	5, 50	0, 99
♈ 3 0 9	17, 68	0, 35	6, 34	0, 84
10	16, 79	0, 89	6, 98	0, 64
20	15, 40	1, 39	7, 43	0, 45
♈ 4 0 10	13, 54	1, 86	7, 65	0, 22
10	11, 26	2, 28	7, 61	0, 04
20	8, 65	2, 61	7, 36	0, 25
♈ 5 0 11	5, 76	2, 89	6, 87	0, 49
10	— 2, 72 +	3, 04	6, 21	0, 66
20	+ 0, 43 —	3, 15	5, 34	0, 87

κ Arietis infra Lucidam. 6 12

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	28° 50′ 56″		CAILLE 21°41′40″	
TOB. MAYER	28 50 54	+ 49,″84	T. MAY. 21 41 23	+ 17,″57
DE ZACH	28 51 1			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″27 +		— 4,″15 +	
10	18, 81	1,″54	5, 20	1,″05
20	19, 80	0, 99	6, 10	0, 90
1 0 7	20, 17	0. 37	6, 80	0, 70
10	19, 94	0, 23	7, 31	0, 51
20	19, 10	0, 84	7, 58	0, 27
2 0 8	17, 66	1, 44	7, 62	0, 04
10	15, 70	1, 96	7, 51	0, 11
20	13, 28	2, 42	7, 16	0, 35
3 0 9	10, 44	2, 84	6, 47	0, 69
10	7, 27	3, 17	5, 65	0, 82
20	3, 90	3, 37	4, 65	1, 00
4 0 10	— 0, 41 +	3, 49	3, 52	1, 13
10	+ 3, 11 —	3, 52	2, 30	1, 22
20	6, 51	3, 40	— 0, 99 +	1, 31
5 0 11	9, 73	3, 22	+ 0, 34 —	1, 33
10	12, 66	2, 93	1, 67	1, 33
20	15, 20	2, 54	2, 95	1, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Diffe
0 0 6	— 3,″33 +		+ 4,″61 —	
10	6, 35	3,″02	3, 45	1,″16
20	9, 17	2, 82	2, 21	1, 24
1 0 7	11, 63	2, 46	+ 0, 89 —	1, 32
10	13, 94	2, 31	— 0, 46 +	1, 35
20	15, 70	1, 76	1, 80	1, 34
2 0 8	17, 00	1, 30	3, 08	1, 25
10	17, 78	0, 78	4, 27	1, 19
20	18, 02	0, 24	5, 31	1, 04
3 0 9	17, 72	0, 30	6, 22	0, 91
10	16, 86	0, 86	6, 93	0, 71
20	15, 52	1, 34	7, 42	0, 49
4 0 10	13, 68	1, 84	7, 70	0, 28
10	11, 43	2, 25	7, 71	0, 01
20	8, 85	2, 58	7, 54	0, 17
5 0 11	5, 98	2, 87	7, 10	0, 44
10	— 2, 94 +	3, 04	6, 45	0, 65
20	+ 0, 19 —	3, 13	5, 62	0, 83

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	28° 58′ 47″		BRADL. 22°30′43″	
DE LA CAILLE	28 58 42		CAILLE 22 30 46	
TOB. MAYER	28 58 41		T. MAY. 22 30 45	
MASKELYNE	28 58 49		MASKEL. 22 30 40	
		+ 50,″02	L. I AND. 22 30 48	+ 17,″56

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″38 +		— 4,″14 +	
10	18, 93	1,″55	5, 10	0,″96
20	19, 92	0, 99	6, 02	0, 92
1 0 7	20, 29	0, 37	6, 76	0, 74
10	20, 06	0, 23	7, 32	0, 56
20	19, 22	0, 84	7, 66	0, 34
2 0 8	17, 75	1, 47	7, 78	0, 12
10	15, 79	1, 96	7, 66	0, 12
20	13, 36	2, 43	7, 28	0, 38
3 0 9	10, 50	2, 86	6, 70	0, 58
10	7, 32	3, 18	5, 90	0, 80
20	3, 92	3, 40	4, 92	0, 98
4 0 10	— 0, 41 +	3, 51	3, 81	1, 11
10	+ 3, 13 —	3, 54	2, 58	1, 23
20	6, 55	3, 42	— 1, 27 +	1, 31
5 0 11	9, 79	3, 24	+ 0, 08 —	1, 35
10	12, 73	2, 94	1, 44	1, 36
20	15, 29	2, 56	2, 79	1, 35

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″46 +		+ 4,″63 —	
10	6, 50	3,″04	3, 47	1,″16
20	9, 33	2, 83	2, 22	1, 25
1 0 7	11, 88	2, 55	+ 0, 90 —	1, 32
10	14, 07	2, 19	— 0, 44 +	1, 34
20	15, 84	1, 77	1, 79	1, 35
2 0 8	17, 10	1, 26	3, 07	1, 28
10	17, 89	0, 79	4, 26	1, 19
20	18, 11	0, 22	5, 30	1, 04
3 0 9	17, 78	0, 33	6, 21	0, 91
10	16, 90	0, 88	6, 92	0, 71
20	15, 53	1, 37	7, 42	0, 50
4 0 10	13, 66	1, 87	7, 70	0, 28
10	11, 39	2, 27	7, 72	0, 02
20	8, 78	2, 61	7, 54	0, 18
5 0 11	5, 89	2, 89	7, 11	0, 43
10	— 2, 83 +	3, 06	6, 46	0, 65
20	+ 0, 32 —	3, 15	5, 64	0, 82

η Arietis in roſtro duarum borea. 6 17

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	30° 24′ 5″		CAILLE 20°15′55″	
TOB. MAYER	30 24 17			
DE ZACH	30 24 26	+ 49,″73	T. MAY. 20 15 52	+ 17,″31

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″85 +		— 4,″25 +	
10	18, 49	1,″64	5, 34	1,″09
20	19, 54	1, 05	6, 04	0, 70
1 0 7	20, 00	0, 46	6, 66	0, 62
10	19, 85	0, 15	7, 10	0, 44
20	19, 10	0, 75	7, 31	0, 21
2 0 8	17, 77	1, 33	7, 31	0, 00
10	15, 89	1, 88	7, 07	0, 24
30	13, 54	2, 35	6, 62	0, 45
3 0 9	10, 78	2, 76	5, 97	0, 65
10	7, 69	3, 09	5, 13	0, 84
20	4, 36	3, 33	4, 15	0, 98
4 0 10	— 0, 91 +	3, 45	3, 04	1, 11
10	+ 2, 58 —	3, 49	1, 80	1, 24
20	5, 98	3, 40	— 0, 56 +	1, 24
5 0 11	9, 22	3, 24	+ 0, 74 —	1, 30
10	12, 15	2, 93	2, 03	1, 29
20	14, 73	2, 58	3, 16	1, 13

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″04 +		+ 4,″81 —	
10	6, 06	3,″02	3, 67	1,″14
20	8, 90	2, 84	2, 44	1, 23
1 0 7	11, 46	2, 56	+ 1, 12 —	1, 32
10	13, 69	2, 23	— 0, 24 +	1, 36
20	15, 49	1, 80	1, 58	1, 34
2 0 8	16, 83	1, 34	2, 89	1, 31
10	17, 66	0, 83	4, 10	1, 21
20	17, 94	0, 28	5, 18	1, 08
3 0 9	17, 68	0, 26	6, 12	0, 94
10	16, 88	0, 80	6, 87	0, 75
20	15, 58	1, 30	7, 40	0, 53
4 0 10	13, 79	1, 79	7, 72	0, 32
16	11, 58	2, 21	7, 79	0, 07
20	9, 04	2, 54	7, 64	0, 15
5 0 11	6, 20	2, 84	7, 25	0, 39
10	3, 20	3, 00	6, 63	0, 62
20	0, 08	3, 12	5, 82	0, 81

19 Arietis. 5. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	30° 32′ 31″	+ 48.″61	BRADL. 14° 20′ 10″	+ 17,″29
DE LA CAILLE	30 32 23		CAILLE 14 20 14	
TOB. MAYER	30 32 23			
DE ZACH	30 32 27		T. MAY. 14 20 7	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″32 +		— 5,″43 +	
10	17, 90	1,″58	6, 07	0,″64
20	18, 92	1, 02	6, 55	0, 48
1 0 7	19, 36	0, 44	6, 84	0, 29
10	19, 22	0, 14	6, 89	0, 05
20	18, 50	0, 72	6, 72	0, 17
2 0 8	17, 21	1, 29	6, 41	0, 31
10	15, 39	1, 82	5, 86	0, 55
20	13, 11	2, 28	5, 13	0, 73
3 0 9	10, 44	2, 67	4, 26	0, 87
10	7, 44	3, 00	3, 27	0, 99
20	4, 22	3, 22	2, 16	1, 11
4 0 10	— 0, 88 +	3, 34	— 0, 98 +	1, 18
10	+ 2, 50 —	3, 38	+ 0, 21 —	1, 19
20	5, 79	3, 29	1, 40	1, 19
5 0 11	8, 93	3, 14	2, 56	1, 16
10	11, 77	2, 84	3, 57	1, 01
20	14, 26	2, 49	4, 59	1, 02

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″10 +		+ 4,″84 —	
10	5, 07	2,″97	3, 69	1,″15
20	7, 89	2, 82	2, 45	1, 24
1 0 7	10, 45	2, 56	+ 1, 13 —	1, 32
10	12, 71	2, 26	— 0, 22 +	1, 35
20	14, 58	1, 87	1, 57	1, 35
2 0 8	16, 01	1, 43	2, 88	1, 31
10	16, 96	0, 95	4, 09	1, 21
20	17, 30	0, 34	5, 17	1, 08
3 0 9	17, 27	0, 03	6, 11	0, 94
10	16, 64	0, 63	6, 86	0, 75
20	15, 52	1, 12	7, 40	0, 54
4 0 10	13, 91	1, 61	7, 72	0, 32
10	11, 87	2, 04	7, 79	0, 07
20	9, 50	2, 37	7, 64	0, 15
5 0 11	6, 81	2, 69	7, 25	0, 39
10	3, 94	2, 87	6, 63	0, 62
20	0, 93	3, 01	5, 83	0, 80

1 ♈ Arietis in roſtro auſtralior. 5. 6 22

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	31° 45′ 22″	+ 49,″62	BRADL. 18°58′32″	+ 17,″08
DE LA CAILLE	31 45 18		CAILLE 18 58 10	
TOB. MAYER	31 45 14		T. MAY. 18 58 10	
DE ZACH	31 45 25			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″68 +		— 4,″39 +	
10	18, 19	1,″51	5, 28	0,″89
20	19, 30	1, 11	6, 03	0, 75
1 0 7	19, 84	0, 54	6, 58	0, 55
10	19, 77	0, 07	6, 92	0, 34
20	19, 12	0, 65	7, 07	0, 15
2 0 8	17, 87	1, 25	6, 99	0, 08
10	16, 07	1, 80	6, 70	0, 29
20	13, 80	2, 27	6, 14	0, 56
3 0 9	11, 10	2, 70	5, 53	0, 61
10	8, 08	3, 02	4, 69	0, 84
20	4, 79	3, 29	3, 68	1, 01
4 0 10	— 1, 36 +	3, 43	2, 58	1, 10
10	+ 2, 10 —	3, 46	1, 39	1, 19
20	5, 50	3, 40	— 0, 18 +	1, 21
5 0 11	8, 73	3, 23	+ 1, 08 —	1, 26
10	11, 69	2, 96	2, 23	1, 15
20	14, 32	2, 63	3, 37	1, 14

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″80 +		+ 5,″02 —	
10	5, 93	3,″13	3, 89	1,″13
20	8, 65	2, 72	2, 64	1, 25
1 0 7	11, 23	2, 58	+ 1, 33 —	1, 31
10	13, 46	2, 23	— 0, 04 +	1, 37
20	15, 30	1, 84	1, 40	1, 36
2 0 8	16, 66	1, 36	2, 73	1, 33
10	17, 53	0, 87	3, 97	1, 24
20	17, 85	0, 32	5, 06	1, 09
3 0 9	17, 63	0, 22	6, 03	0, 97
10	16, 88	0, 75	6, 84	0, 81
20	15, 62	1, 26	7, 39	0, 55
4 0 10	13, 87	1, 75	7, 73	0, 34
10	11, 71	2, 16	7, 85	0, 12
20	9, 20	2, 51	7, 73	0, 12
5 0 11	6, 44	2, 76	7, 38	0, 35
10	3, 42	3, 02	6, 77	0, 61
20	0, 32	3, 10	5, 99	0, 78

ξ Arietis in extremitate pedis posterioris. 5. 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	33° 31′ 36″		CAILLE 9°42′ 0″	
TOB. MAYER	33 31 46		T. MAY. 9 41 54	
DE ZACH	33 31 42	+ 47.″90		+ 16.″74

Long. ⊙	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″51 +		— 6,″14 +	
10	17, 22	1,″71	6, 55	0,″41
20	18, 40	1, 18	6, 74	0, 19
1 0 7	19, 03	0, 63	6, 73	0, 01
10	19, 08	0, 05	6, 54	0, 19
20	18, 55	0, 53	6, 11	0, 43
2 0 8	17, 45	1, 10	5, 50	0, 61
10	15, 82	1, 63	4, 74	0, 76
20	13, 72	2, 10	3, 83	0, 91
3 0 9	11, 19	2, 53	2, 81	1, 02
10	8, 32	2, 87	1, 69	1, 12
20	5, 20	3, 12	— 0, 52 +	1, 17
4 0 10	— 1, 94 +	3, 26	+ 0, 70 —	1, 22
10	+ 1, 39 —	3, 33	1, 82	1, 12
20	4, 70	3, 31	2, 93	1, 11
5 0 11	7, 84	3, 14	3, 93	1, 00
10	10, 74	2, 90	4, 82	0, 99
20	13, 33	2, 59	5, 58	0, 76

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″36 +		+ 5,″26 —	
10	4, 29	2,″93	4, 15	1,″11
20	7, 11	2, 82	2, 91	1, 24
1 0 7	9, 68	2, 57	1, 59	1, 32
10	11, 98	2, 30	+ 0, 24 —	1, 35
20	13, 91	1, 93	— 1, 16 +	1, 40
2 0 8	15, 45	1, 54	2. 50	1, 34
10	16, 46	1, 01	3, 77	1, 27
20	16, 82	0, 36	4, 90	1, 13
3 0 9	17, 02	0, 20	5, 91	1, 01
10	16. 53	0, 49	6, 75	0, 84
20	15, 53	1, 00	7. 35	0, 60
4 0 10	14, 06	1, 47	7, 76	0, 41
10	12, 16	1, 90	7, 91	0, 15
20	9, 90	2, 26	7, 83	0, 08
5 0 11	7, 33	2, 57	7, 53	0, 30
10	4, 55	2, 78	6, 98	0, 55
20	1, 62	2, 93	6, 22	0, 76

ν Arietis in renibus. 5. 6 — 32

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	36° 52′ 10″		CAILLE 21° 5′ 15″	
TOB. MAYER	36 52 11		T. MAY. 21 5 23	
DE ZACH	36 52 17	+ 50,″53		+ 16,″08

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ
0 0 6	— 15,″73 +		— 3,″46 +	
10	17, 71	1,″98	4, 40	0,″94
20	19, 16	1, 45	5, 21	0, 81
1 0 7	20, 05	0, 89	6, 06	0, 85
10	20, 31	0, 26	6, 33	0, 27
20	19, 95	0, 36	6, 61	0, 28
2 0 8	18, 99	0, 96	6, 72	0, 11
10	17, 46	1, 53	6, 59	0, 13
20	15, 39	2, 07	6, 34	0, 25
3 0 9	12, 87	2, 52	5, 75	0, 59
10	9, 95	2, 92	5, 07	0, 68
20	6, 72	3, 23	4, 22	0, 85
4 0 10	— 3, 28 +	3, 44	3, 24	0, 98
10	+ 0, 25 —	3, 53	2, 19	1, 05
20	3, 77	3, 52	— 1, 06 +	1, 13
5 0 11	7, 18	3, 41	+ 0, 11 —	1, 17
10	10, 36	3, 18	1, 27	1, 16
20	13, 24	2, 88	2, 41	1, 14

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″94 +		+ 5,″74 —	
10	6, 03	3,″09	4, 65	1,″09
20	8, 92	2, 89	3, 44	1, 21
1 0 7	11, 54	2, 62	2, 12	1, 32
10	13, 82	2, 28	+ 0, 74 —	1, 38
20	15, 67	1, 85	— 0, 67 +	1, 41
2 0 8	17, 05	1, 38	2, 06	1, 39
10	17, 92	0, 87	3, 38	1, 32
20	18, 22	0, 30	4, 60	1, 22
3 0 9	17, 99	0, 23	5, 67	1, 07
10	17, 21	0, 78	6, 59	0, 92
20	15, 91	1, 30	7, 29	0, 70
4 0 10	14, 11	1, 80	7, 77	0, 48
10	11, 89	2, 22	8, 03	0, 26
20	9, 32	2, 57	8, 03	0, 00
5 0 11	6, 45	2, 87	7, 81	0, 22
10	3, 40	3, 05	7, 32	0, 49
20	0, 23	3, 17	6, 62	0, 70

μ Arietis in dorso australis vel in alvo. 6. 34

TOB. MAYER	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE ZACH	37° 46′ 33″	+	T. MAY. 19° 9′ 11″	+
	37 46 43	50.″26		15,″88

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″52 +		— 3,″84 +	
10	17, 37	1,″85	4, 67	0,″83
20	18, 84	1, 47	5, 36	0, 69
		0, 95		0, 54
1 0 7	19, 79		5, 90	
10	20, 10	0, 31	6, 26	0, 36
20	19, 81	0, 29	6, 43	0, 17
		0, 90		0, 05
2 0 8	18, 91		6, 38	
10	17, 44	1, 47	6, 16	0, 22
20	15, 46	1, 98	5, 75	0, 41
		2, 48		0, 57
3 0 9	12, 98		5, 18	
10	10, 11	2, 87	4, 44	0, 74
20	6, 96	3, 15	3, 56	0, 88
		3, 39		1, 00
4 0 10	3, 57		2, 56	
10	— 0, 08 +	3, 49	1, 50	1, 06
20	+ 3, 42 —	3, 50	— 0, 41 +	1, 09
		3, 39		1, 19
5 0 11	6, 81		+ 0, 78 —	
10	9, 98	3, 17	1, 87	1, 09
20	12, 86	2, 88	2, 87	1, 00

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″62 +		+ 5,″85 —	
10	5, 67	3,″05	4, 78	1,″07
20	8, 57	2, 90	3, 58	1, 20
		2, 62		1, 32
1 0 7	11, 19		2, 26	
10	13, 49	2, 30	+ 0, 87 —	1, 39
20	15, 36	1, 87	— 0, 54 +	1, 41
		1, 42		1, 41
2 0 8	16, 78		1, 95	
10	17, 68	0, 90	3, 27	1, 32
20	18, 04	0, 36	4, 51	1, 24
		0, 18		1, 10
3 0 9	17, 86		5, 61	
10	17, 14	0, 72	6, 55	0, 94
20	15, 89	1, 25	7, 28	0, 73
		1, 74		0, 50
4 0 10	14, 15		7, 78	
10	12, 00	2, 15	8, 07	0, 29
20	9, 48	2, 52	8, 07	0, 00
		2, 82		0, 19
5 0 11	6, 66		7, 88	
10	3, 65	3, 01	7, 41	0, 47
20	0, 53	3, 12	6, 73	0, 68

35 Arietis. Inform. ſupra dorſ. med. 4 *(Muscae ſeu Lilii.)* 35

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	37° 54′ 31″	+ 52,″22	BRADL. 26° 50′ 49″	+ 15,″83
DE ZACH	37 56 13			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″25 +		— 2,″10 +	
10	18, 38	2,″13	3, 27	1,″17
20	19, 95	1, 57	4, 36	1, 09
1 0 7	20, 94	0, 99	5, 34	0, 98
10	21, 24	0, 30	6, 15	0, 81
20	21, 01	0, 23	6, 75	0, 60
2 0 8	20, 01	1, 00	7, 19	0, 44
10	18, 45	1, 56	7, 40	0, 21
20	16, 36	2, 09	7, 36	0, 04
3 0 9	13, 77	2, 59	7, 12	0, 24
10	10, 70	3, 07	6, 66	0, 46
20	7, 36	3, 34	5, 99	0, 67
4 0 10	3, 78	3, 58	5, 14	0, 85
10	— 0, 08 +	3, 70	4, 12	1, 02
20	+ 3, 62 —	3, 70	3, 00	1, 12
5 0 11	7, 20	3, 58	1, 78	1, 22
10	10, 57	3, 37	— 0, 51 +	1, 27
20	13, 61	3, 04	+ 0, 77 —	1, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″81 +		+ 5,″86 —	
10	6, 98	3,″17	4, 80	1,″06
20	9, 93	2, 95	3, 59	1, 21
1 0 7	12, 57	2, 64	2, 28	1, 31
10	14, 85	2, 28	+ 0, 87 —	1, 41
20	16, 66	1, 81	— 0, 53 +	1, 40
2 0 8	17, 98	1, 32	1, 93	1, 40
10	18, 74	0, 76	3, 26	1, 33
20	18, 64	0, 10	4, 50	1, 24
3 0 9	18, 56	0, 08	5, 60	1, 10
10	17, 62	0, 94	6, 56	0, 96
20	16, 13	1, 49	7, 28	0, 72
4 0 10	14, 16	1, 97	7, 77	0, 49
10	11, 77	2, 39	8, 07	0, 30
20	9, 02	2, 75	8, 08	0, 01
5 0 11	5, 98	3, 04	7, 89	0, 19
10	— 2, 77 +	3, 21	7, 42	0, 47
20	+ 0, 53 —	3, 30	6, 73	0, 69

o Arietis. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	38° 23′ 10″	+ 19.″21	CAILLE 14° 27′ 28″	+ 15,″75
TOB. MAYER	38 23 8		T. MAY. 14 27 30	
DE ZACH	38 23 12			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″85 +		— 4,″88 +	
10	16, 85	2,″00	5, 48	0,″60
20	18, 33	1, 48	5, 91	0, 43
1 0 7	19, 28	0, 95	6, 18	0, 27
10	19, 61	0, 33	6, 23	0, 05
20	19, 36	0, 25	6, 13	0, 10
2 0 8	18, 53	0, 83	5, 83	0, 30
10	17, 12	1, 41	5, 29	0, 54
20	15, 21	1, 91	4, 69	0, 60
3 0 9	12, 83	2, 38	3, 91	0, 78
10	10, 05	2, 78	3, 00	0, 91
20	7, 00	3, 05	1, 93	1, 07
4 0 10	3, 68	3, 32	— 0, 93 +	1, 00
10	— 0, 30 +	3, 38	+ 0, 14 —	1, 07
20	+ 3, 14 —	3, 44	1, 21	1, 07
5 0 11	6, 45	3, 31	2, 26	1, 05
10	9, 56	3, 11	3, 24	0, 98
20	12, 39	2, 83	4, 12	0, 88

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″92 +		+ 5,″93 —	
10	4, 94	3,″02	4, 87	1,″06
20	7, 80	2, 86	3, 65	1, 22
1 0 7	10, 41	2, 61	2, 35	1, 30
10	12, 72	2, 31	+ 0, 95 —	1, 40
20	14, 63	1, 91	— 0, 45 +	1, 40
2 0 8	16, 11	1, 48	1, 87	1, 42
10	17, 10	0, 99	3, 20	1, 33
20	17, 55	0, 45	4, 45	1, 25
3 0 9	17, 49	0, 06	5, 55	1, 10
10	16, 89	0, 60	6, 53	0, 98
20	15, 78	1, 11	7, 26	0, 73
4 0 10	14, 18	1, 60	7, 77	0, 51
10	12, 16	2, 02	8, 08	0, 31
20	9, 77	2, 39	8, 11	0, 03
5 0 11	7, 08	2, 69	7, 92	0, 19
10	4, 18	2, 90	7, 47	0, 45
20	1, 14	3, 04	6, 79	0, 68

39 Arietis. Inform. ſupra dorſ. bor. 4 (*Muſc. ſ. Lil. bor.*) 39

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	38° 59′ 38″	+ 52,″81	CAILLE 28° 24′ 36″	+ 15,″62
DE LAMBRE	39 0 30			
DE ZACH	39 0 26		L.LAND. 28 24 36	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″26 +		— 1,″52 +	
10	18, 47	2,″21	2, 78	1,″26
20	20, 12	1, 65	3, 97	1, 19
1 0 7	21, 21	1, 09	5, 01	1, 04
10	21, 62	0, 41	5, 90	0, 89
20	21, 35	0, 27	6, 65	0, 75
2 0 8	20, 45	0, 90	7, 16	0, 51
10	18, 94	1, 51	7, 47	0, 31
20	16, 85	2, 09	7, 55	0, 08
3 0 9	14, 25	2, 60	7, 40	0, 15
10	11, 21	3, 04	7, 02	0, 38
20	7, 83	3, 38	6, 43	0, 59
4 0 10	4, 20	3, 63	5, 65	0, 78
10	— 0, 48 +	3, 72	4, 68	0, 97
20	+ 3, 30 —	3, 78	3, 60	1, 08
5 0 11	6, 96	3, 66	2, 39	1, 21
10	10, 40	3, 44	— 1, 10 +	1, 29
20	13, 54	3, 14	+ 0, 21 —	1, 31

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 4,″01 +		+ 5,″97 —	
10	7, 21	3,″20	4, 92	1,″05
20	10, 19	2, 98	3, 71	1, 21
1 0 7	12, 85	2, 66	2, 41	1, 30
10	15, 12	2, 27	+ 1, 01 —	1, 40
20	16, 93	1, 81	— 0, 40 +	1, 41
2 0 8	18, 25	1, 32	1, 81	1, 41
10	18, 99	0, 74	3, 16	1, 35
20	19, 16	0, 17	4, 41	1, 25
3 0 9	18, 75	0, 41	5, 52	1, 11
10	17, 77	0, 98	6, 50	0, 98
20	16, 24	1, 53	7, 25	0, 75
4 0 10	14, 23	2, 01	7, 77	0, 52
10	11, 78	2, 45	8, 08	0, 31
20	8, 98	2, 80	8, 11	0, 03
5 0 11	5, 90	3, 08	7, 94	0, 17
10	— 2, 64 +	3, 26	7, 50	0, 44
20	+ 0, 70 —	3, 34	6, 83	0, 67

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	40° 6′ 57″		CAILLE 14°15′ 1″	
TOB. MAYER	40 6 58		T. MAY. 14 15 2	
DE ZACH	40 7 1	+ 49,″28		+ 15,″36

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″45 +		— 4,″82 +	
10	16, 53	2,″08	5, 39	0,″57
20	18, 17	1, 64	5, 82	0, 43
1 0 7	19, 18	1, 01	6, 07	0, 25
10	19, 63	0, 45	6, 11	0, 04
20	19, 48	0, 15	5, 97	0, 14
2 0 8	18, 77	0, 71	5, 68	0, 29
10	17, 47	1, 30	5, 18	0, 50
20	15, 64	1, 83	4, 54	0, 64
3 0 9	13, 28	2, 36	3, 76	0, 78
10	10, 47	2, 81	2, 86	0, 90
20	7, 54	2, 93	1, 88	0, 98
4 0 10	4, 27	3, 27	— 0, 84 +	1, 04
10	— 0, 89 +	3, 38	+ 0, 22 —	1, 06
20	+ 2, 55 —	3, 44	1, 28	1, 06
5 0 11	5, 89	3, 34	2, 30	1, 02
10	9, 06	3, 17	3, 24	0, 94
20	11, 95	2, 89	4, 09	0, 85

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″85 +		+ 6,″14 —	
10	4, 87	3,″02	5, 10	1,″04
20	7, 74	2, 87	3, 91	1, 19
1 0 7	10, 36	2, 62	2, 60	1, 31
10	12, 68	2, 32	+ 1, 22 —	1, 38
20	14, 60	1, 92	— 0, 21 +	1, 43
2 0 8	16, 10	1, 50	1, 63	1, 42
10	17, 10	1, 00	3, 00	1, 37
20	17, 57	0, 47	4, 28	1, 28
3 0 9	17, 51	0, 06	5, 43	1, 15
10	16, 92	0, 59	6, 43	1, 00
20	15, 82	1, 10	7, 21	0, 78
4 0 10	14, 24	1, 58	7, 77	0, 56
10	12, 22	2, 02	8, 11	0, 34
20	9, 84	2, 38	8, 19	0, 08
5 0 11	7, 15	2, 69	8, 04	0, 15
10	4, 25	2, 90	7, 64	0, 40
20	1, 22	3, 03	6, 99	0, 65

2 ϱ Arietis in femore poſteriore. 6. 40

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	41° 8′ 55″		CAILLE 17°30′46″	
TOB. MAYER	41 8 50		T. MAY. 17 30 59	
DE ZACH	41 8 55	+ 50,″16		+ 15,″13

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 0 6	— 14,″43 +		— 3,″96 +	
10	16, 64	2,″21	4, 70	0,″74
20	18, 31	1, 67	5, 28	0, 58
1 0 7	19, 44	1, 13	5, 73	0, 45
10	19, 98	0, 54	5, 97	0, 24
20	19, 88	0, 10	5, 99	0, 02
2 0 8	19, 20	0, 68	5, 93	0, 06
10	17, 94	1, 26	5, 62	0, 31
20	16, 16	1, 78	5, 15	0, 47
3 0 9	13, 78	2, 38	4, 53	0, 62
10	11, 04	2, 74	3, 77	0, 76
20	7, 99	3, 05	2, 88	0, 89
4 0 10	4, 69	3, 30	1, 85	1, 03
10	— 1, 25 +	3, 44	— 0, 91 +	0, 94
20	+ 2, 23 —	3, 48	+ 0, 13 —	1, 04
5 0 11	5, 66	3, 43	1, 18	1, 05
10	8, 92	3, 26	2, 18	1, 00
20	11, 90	2, 98	3, 13	0, 95

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″27 +		+ 6,″26 —	
10	5, 33	3,″06	5, 25	1,″01
20	8, 24	2, 91	4, 06	1, 19
1 0 7	10, 87	2, 63	2, 75	1, 31
10	13, 20	2, 33	+ 1, 36 —	1, 39
20	15, 10	1, 90	— 0, 07 +	1, 43
2 0 8	16, 57	1, 47	1, 49	1, 42
10	17, 53	0, 96	2, 88	1, 39
20	17, 95	0, 42	4, 17	1, 29
3 0 9	17, 83	0, 12	5, 34	1, 17
10	17, 16	0, 67	6, 35	1, 01
20	15, 98	1, 18	7, 18	0, 83
4 0 10	14, 30	1, 68	7, 76	0, 58
10	12, 19	2, 11	8, 13	0, 37
20	9, 72	2, 47	8, 23	0, 10
5 0 11	6, 95	2, 77	8, 11	0, 11
10	3, 97	2, 98	7, 73	0, 38
20	0, 86	3, 11	7, 09	0, 64

ε Arietis in eductione caudae. 5. 48

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	41° 51′ 2″	+ 51,″01	BRADL. 20° 31′ 55″	+ 14,″95
DE LA CAILLE	41 56 59		CAILLE 20 31 58	
TOB. MAYER	41 56 55		T. MAY. 20 31 57	
DE ZACH	41 56 58			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″59 +		— 3,″19 +	
10	16, 98	2,″39	4, 03	0,″84
20	18, 58	1, 60	4, 76	0, 73
		1, 16		0, 57
1 0 7	19, 74	0, 60	5, 33	0, 44
10	20, 34	0, 05	5, 77	0, 26
20	20, 29	0, 69	6, 03	0, 07
2 0 8	19, 60	1, 24	6, 10	0, 11
10	18, 36	1, 81	5, 99	0, 30
20	16, 55	2, 29	5, 69	0, 47
3 0 9	14, 26	2, 76	5, 22	0, 64
10	11, 50	3, 10	4, 58	0, 76
20	8, 40	3, 36	3, 82	0, 89
4 0 10	5, 04	3, 49	2, 93	0, 98
10	— 1, 55 +	3, 56	1, 95	1, 02
20	+ 2, 01 —	3, 48	— 0, 93 +	1, 05
5 0 11	5, 49	3, 33	+ 0, 12 —	1, 07
10	8, 82	3, 06	1, 19	1, 03
20	11, 88		2, 22	

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″65 +		+ 6,″37 —	
10	5, 76	3,″11	5, 36	1,″01
20	8, 71	2, 95	4, 19	1, 17
		2, 65		1, 33
1 0 7	11, 36	2, 33	2, 86	1, 38
10	13, 69	1, 90	1, 48	1, 44
20	15, 59	1, 44	+ 0, 04 —	1, 42
2 0 8	17, 03	0, 92	— 1, 38 +	1, 40
10	17, 95	0, 36	2, 78	1, 31
20	18, 31	0, 18	4, 09	1, 19
3 0 9	18, 13	0, 69	5, 28	1, 03
10	17, 44	1, 31	6, 31	0, 85
20	16, 13	1, 77	7, 16	0, 59
4 0 10	14, 36	2, 19	7, 75	0, 40
10	12, 17	2, 55	8, 15	0, 13
20	9, 62	2, 86	8, 28	0, 13
5 0 11	6, 76	3, 06	8, 15	0, 34
10	3, 70	3, 18	7, 81	0, 63
20	0, 52		7, 18	

♈ Arietis trium in cauda præcedens. 4. 57

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	45° 3′ 5″	+ 50,″89	BRADL. 18° 57′ 35″	+ 14,″20
DE LA CAILLE	45 3 5		CAILLE 18 57 40	
TOB. MAYER	45 3 2		T. MAY. 18 57 39	
DE ZACH	45 3 10		D. ZACH 18 57 37	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 13,″69 +		— 3,″33 +	
10	16, 10	2,″41	4, 07	0,″74
20	18, 02	1, 92	4, 70	0, 63
1 0 7	19, 35	1, 33	5, 18	0, 48
10	20, 12	0, 77	5, 48	0, 30
20	20, 27	0, 15	5, 65	0, 17
2 0 8	19, 82	0, 45	5, 64	0, 01
10	18, 75	1, 07	5, 45	0, 19
20	17, 12	1, 63	5, 09	0, 36
3 0 9	14, 95	2, 17	4, 59	0, 50
10	12, 34	2, 61	3, 96	0, 63
20	9, 36	2, 98	3, 18	0, 78
4 0 10	6, 09	3, 27	2, 31	0, 87
10	— 2, 63 +	3, 46	1, 37	0, 94
20	+ 0, 90 —	3, 53	— 0, 41 +	0, 96
5 0 11	4, 40	3, 50	+ 0, 59 —	1, 00
10	7, 77	3, 37	1, 55	0, 96
20	10, 92	3, 15	2, 48	0, 93

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″32 +		+ 6,″74 —	
10	5, 42	3,″10	5, 77	0,″97
20	8, 37	2, 95	4, 63	1, 14
1 0 7	11, 04	2, 67	3, 33	1, 30
10	13, 40	2, 36	1, 93	1, 40
20	15, 33	1, 93	+ 0, 49 —	1, 44
2 0 8	16, 81	1, 48	— 0, 97 +	1, 46
10	17, 78	0, 97	2, 41	1, 44
20	18, 20	0, 42	3, 77	1, 36
3 0 9	18, 08	0, 12	5, 02	1, 25
10	17, 39	0, 69	6, 11	1, 09
20	16, 20	1, 19	7, 02	0, 91
4 0 10	14, 49	1, 71	7, 71	0, 69
10	12, 32	2, 17	8, 18	0, 47
20	9, 85	2, 47	8, 40	0, 22
5 0 11	7, 03	2, 82	8, 35	0, 05
10	4, 09	2, 94	8, 06	0, 29
20	0, 86	3, 23	7, 51	0, 55

♈ Arietis trium in cauda media. 5. 58

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	45° 51′ 30″	+ 51,″33	BRADL. 20°17′40″	+ 14,″00
DE LA CAILLE	45 51 23		CAILLE 20 17 38	
TOB. MAYER	45 51 21		T. MAY. 20 17 44	
DE ZACH	45 51 23			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 13,″61 +		— 2,″90 +	
10	16, 05	2,″44	3, 70	0,″80
20	17, 90	1, 85	4, 38	0, 68
1 0 7	19, 43	1, 53	4, 92	0, 54
10	20, 27	0, 84	5, 32	0, 40
20	20, 47	0, 20	5, 57	0, 25
2 0 8	20, 05	0, 42	5, 63	0, 06
10	19, 03	1, 02	5, 53	0, 10
20	17, 43	1, 60	5, 26	0, 27
3 0 9	15, 30	2, 13	4, 83	0, 43
10	12, 69	2, 61	4, 24	0, 59
20	9, 72	2, 97	3, 53	0, 71
4 0 10	6, 45	3, 27	2, 73	0, 80
10	— 2, 97 +	3, 48	1, 81	0, 92
20	+ 0, 60 —	3, 57	— 0, 87 +	0, 94
5 0 11	4, 14	3, 54	+ 0, 12 —	0, 99
10	7, 55	3, 41	1, 08	0, 96
20	10, 76	3, 21	2, 03	0, 95

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″45 +		+ 6,″84 —	
10	5, 58	3,″13	5, 89	0,″95
20	8, 55	2, 97	4, 76	1, 13
1 0 7	11, 24	2, 69	3, 46	1, 30
10	13, 60	2, 36	2, 06	1, 40
20	15, 54	1, 94	+ 0, 60 —	1, 46
2 0 8	17, 02	1, 48	— 0, 85 +	1, 45
10	17, 98	0, 96	2, 30	1, 45
20	18, 38	0, 40	3, 67	1, 37
3 0 9	18, 24	0, 14	4, 95	1, 28
10	17, 53	0, 71	6, 06	1, 11
20	16, 30	1, 23	6, 99	0, 93
4 0 10	14, 56	1, 74	7, 69	0, 70
10	12, 39	2, 17	8, 18	0, 49
20	9, 84	2, 55	8, 43	0, 25
5 0 11	6, 99	2, 85	8, 40	0, 03
10	3, 93	3, 06	8, 12	0, 28
20	0, 75	3, 18	7, 60	0, 52

2 ♈ Arietis trium in cauda ultima. 6. 63

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	47° 49′ 3″	+ 51,″40	BRADL. 20° 0′ 59″	+ 13,″50
DE LA CAILLE	47 49 0		CAILLE 20 1 3	
TOB. MAYER	47 48 54		T. MAY. 20 1 3	
DE ZACH	47 49 5		D. ZACH 20 1 1	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 13,″25 +		— 2,″76 +	
10	15, 77	2,″52	3, 55	0,″79
20	17, 83	2, 06	4, 21	0, 66
1 0 7	19, 30	1, 47	4, 75	0, 54
10	20, 24	0, 94	5, 14	0, 39
20	20, 54	0, 30	5, 40	0, 26
2 0 8	20, 22	0, 32	5, 47	0, 07
10	19, 29	0, 93	5, 38	0, 09
20	17, 77	1, 52	5, 13	0, 25
3 0 9	15, 71	2, 06	4, 72	0, 41
10	13, 16	2, 55	4, 16	0, 56
20	10, 29	2, 87	3, 47	0, 69
4 0 10	6, 99	3, 30	2, 70	0, 77
10	— 3, 52 +	3, 47	1, 82	0, 88
20	+ 0, 05 —	3, 57	— 0, 91 +	0, 91
5 0 11	3, 61	3, 56	+ 0, 05 —	0, 96
10	7, 07	3, 46	0, 99	0, 94
20	10, 32	3, 25	1, 91	0, 92

Long. δδ	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″40 +		+ 7,″01 —	
10	5, 54	3,″14	6, 08	0,″93
20	8, 53	2, 99	4, 96	1, 12
1 0 7	11, 22	2, 69	3, 66	1, 30
10	13, 60	2, 38	2, 27	1, 39
20	15, 56	1, 96	+ 0, 83 —	1, 44
2 0 8	17, 04	1, 48	— 0, 63 +	1, 46
10	18, 02	0, 98	2, 11	1, 48
20	18, 43	0, 41	3, 51	1, 40
3 0 9	18, 29	0, 14	4, 82	1, 31
10	17, 60	0, 69	5, 96	1, 14
20	16, 37	1, 23	6, 92	0, 96
4 0 10	14, 64	1, 73	7, 68	0, 76
10	12, 46	2, 18	8, 18	0, 50
20	9, 92	2, 54	8, 47	0, 29
5 0 11	7, 06	2, 86	8, 48	0, 01
10	4, 01	3, 05	8, 24	0, 24
20	0, 81	3, 20	7, 74	0, 50

o Tauri quæ de quatuor in ſectione auſtraliſſima. 4. 1

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	48° 30′ 50″		CAILLE 8°19′14″	
TOB. MAYER	48 31 10		T. MAY. 8 19 1	
DE ZACH	48 30 58	+ 48,″41		+ 13,″32

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 12,″29 +		— 5,″89 +	
10	14, 74	2,″45	6, 15	0,″26
20	16, 74	2, 00	6, 21	0, 06
1 0 7	18, 14	1, 40	6, 08	0, 13
10	19, 14	1, 00	5, 85	0, 23
20	19, 45	0, 31	5, 27	0, 58
2 0 8	19, 26	0, 19	4, 62	0, 65
10	18, 44	0, 82	3, 82	0, 80
20	17, 05	1, 39	2, 91	0, 91
3 0 9	15, 11	1, 94	1, 92	0, 99
10	12, 80	2, 31	— 0, 87 +	1, 05
20	10, 02	2, 78	+ 0, 23 —	1, 10
4 0 10	6, 98	3, 04	1, 31	1, 08
10	3, 71	3, 27	2, 32	1, 01
20	— 0, 32 +	3, 39	3, 28	0, 96
5 0 11	+ 3, 08 —	3, 40	4, 09	0, 81
10	6, 38	3, 30	4, 78	0, 69
20	9, 48	3, 10	5, 48	0, 70

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″94 +		+ 7,″13 —	
10	3, 88	2,″94	6, 22	0,″91
20	6, 74	2, 86	5, 12	1, 10
1 0 7	9, 38	2, 64	3, 82	1, 30
10	11, 72	2, 34	2, 44	1, 38
20	13, 71	1, 99	+ 1, 02 —	1, 42
2 0 8	15, 29	1, 58	— 0, 49 +	1, 51
10	16, 41	1, 12	1, 97	1, 48
20	17, 01	0, 60	3, 39	1, 42
3 0 9	17, 13	0, 12	4, 72	1, 33
10	16, 85	0, 28	5, 87	1, 15
20	15, 78	1, 07	6, 87	1, 00
4 0 10	14, 37	1, 41	7, 65	0, 78
10	12, 48	1, 89	8, 19	0, 54
20	10, 30	2, 18	8, 50	0, 31
5 0 11	7, 76	2, 54	8, 53	0, 03
10	5, 00	2, 76	8, 32	0, 21
20	2, 06	2, 94	7, 83	0, 49

ξ Tauri, hanc ſequitur. 4. 2

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	49° 5′ 18″	+ 48,″70	CAILLE 10° 4′ 45″	+ 13,″16
TOB. MAYER	49 5 17		T. MAY. 9 1 35	
DE ZACH	49 5 12			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 ♉ 6	— 12,″17 +		— 5,″68 +	
10	14, 59	2,″42	5, 95	0,″27
20	16, 64	2, 05	6, 06	0, 11
1 ♉ 7	18, 18	1, 54	5, 96	0, 10
10	19, 15	0, 97	5, 69	0, 27
20	19, 53	0, 38	5, 24	0, 45
2 ♉ 8	19, 35	0, 18	4, 63	0, 61
10	18, 58	0, 77	3, 88	0, 75
20	17, 21	1, 37	3, 01	0, 87
3 ♉ 9	15, 30	1, 91	2, 05	0, 96
10	12, 96	2, 34	— 1, 03 +	1, 02
20	10, 23	2, 73	+ 0, 01 —	1, 04
4 ♉ 10	7, 18	3, 05	1, 07	1, 06
10	3, 92	3, 26	2, 09	1, 02
20	— 0, 54 +	3, 38	3, 05	0, 96
5 ♉ 11	+ 2, 89 —	3, 43	3, 91	0, 86
10	6, 20	3, 31	4, 55	0, 64
20	9, 33	3, 13	5, 25	0, 70

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 ♉ 6	— 0,″99 +		+ 7,″20 —	
10	3, 96	2,″97	6, 30	0,″90
20	6, 82	2, 86	5, 19	1, 11
1 ♉ 7	9, 45	2, 63	3, 90	1, 29
10	11, 82	2, 37	2, 53	1, 37
20	13, 81	1, 99	+ 1, 06 —	1, 47
2 ♉ 8	15, 40	1, 59	— 0, 41 +	1, 47
10	16, 51	1, 11	1, 90	1, 49
20	17, 11	0, 60	3, 33	1, 43
3 ♉ 9	17, 20	0, 09	4, 66	1, 33
10	16, 78	0, 42	5, 83	1, 17
20	15, 83	0, 95	6, 83	1, 00
4 ♉ 10	14, 40	1, 43	7, 63	0, 80
10	12, 53	1, 87	8, 19	0, 56
20	10, 30	2, 23	8, 52	0, 33
5 ♉ 11	7, 74	2, 56	8, 56	0, 04
10	4, 96	2, 78	8, 37	0, 19
20	2, 01	2, 95	7, 91	0, 46

ſ Tauri, hanc tertiam ſequens. 6. 4

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	49° 52′ 25″		CAILLE 10°38′35″	
TOB. MAYER	49 52 27		T. MAY. 10 38 27	
DE ZACH	49 52 24	+ 48,″88		+ 12,″96

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 12,″03 +		— 5,″25 +	
10	14, 57	2,″54	5, 57	0,″32
20	16, 65	2, 08	5, 70	0, 13
1 0 7	18, 23	1, 58	5, 73	0, 03
10	19, 23	1, 00	5, 57	0, 16
20	19, 65	0, 42	5, 13	0, 44
2 0 8	19, 50	0, 15	4, 68	0, 45
10	18, 73	0, 77	4, 08	0, 60
20	17, 40	1, 33	3, 17	0, 91
3 0 9	15, 58	1, 82	2, 38	0, 79
10	13, 26	2, 32	1, 51	0, 87
20	10, 53	2, 73	— 0, 49 +	1, 02
4 0 10	7, 47	3, 06	+ 0, 56 —	1, 05
10	4, 19	3, 28	1, 58	1, 02
20	— 0, 80 +	3, 39	2, 52	0, 94
5 0 11	+ 2, 64 —	3, 44	3, 35	0, 83
10	6, 00	3, 36	4, 07	0, 72
20	9, 07	3, 07	4, 75	0, 68

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″15 +		+ 7,″29 —	
10	4, 16	3,″01	6, 40	0,″89
20	7, 04	2, 88	5, 30	1, 10
1 0 7	9, 68	2, 64	4, 03	1, 27
10	12, 05	2, 37	2, 65	1, 38
20	14, 04	1, 99	+ 1, 19 —	1, 46
2 0 8	15, 62	1, 58	— 0, 30 +	1, 49
10	16, 72	1, 10	1, 79	1, 49
20	17, 31	0, 59	3, 24	1, 45
3 0 9	17, 37	0, 06	4, 58	1, 34
10	16, 90	0, 47	5, 76	1, 18
20	15, 93	0, 97	6, 80	1, 04
4 0 10	14, 47	1, 46	7, 62	0, 82
10	12, 59	1, 88	8, 19	0, 57
20	10, 28	2, 31	8, 53	0, 34
5 0 11	7, 68	2, 60	8, 61	0, 08
10	4, 86	2, 82	8, 43	0, 18
20	1, 88	2, 98	7, 98	0, 45

f Tauri, borea de quatuor in ſectione. 5. 5

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	50° 0′ 1″	+ 49,″33	BRADL. 12°14′37″	+ 12,″93
DE LA CAILLE	49 57 41		CAILLE 12 14 38	
TOB. MAYER	49 57 43		T. MAY. 12 14 32	
DE ZACH	49 57 40			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 12,″06 +		— 4,″82 +	
10	14, 61	2,″55	5, 37	0,″55
20	16, 70	2, 09	5, 52	0, 15
1 0 7	18, 30	1, 60	5, 54	0, 02
10	19, 36	1, 06	5, 39	0, 15
20	19, 76	0, 40	4, 97	0, 42
2 0 8	19, 61	0, 15	4, 77	0, 20
10	18, 82	0, 79	4, 21	0, 56
20	17, 53	1, 29	3, 66	0, 55
3 0 9	15, 68	1, 85	2, 72	0, 94
10	13, 34	2, 34	1, 85	0, 87
20	10, 52	2, 82	— 1, 03 +	0, 82
4 0 10	7, 55	2, 97	+ 0, 05 —	1, 08
10	4, 26	3, 29	0, 99	0, 94
20	— 0, 84 +	3, 42	1, 88	0, 89
5 0 11	+ 2, 61 —	3, 45	2, 82	0, 94
10	5, 98	3, 37	3, 57	0, 75
20	9, 17	3, 19	4, 27	0, 70

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″33 +		+ 7,″30 —	
10	4, 36	3,″03	6, 41	0,″89
20	7, 26	2, 90	5, 31	1, 10
1 0 7	9, 91	2, 65	4, 04	1, 27
10	12, 29	2, 38	2, 66	1, 38
20	14, 28	1, 99	+ 1, 20 —	1, 46
2 0 8	15, 82	1, 54	— 0, 29 +	1, 49
10	16, 93	1, 11	1, 78	1, 49
20	17, 50	0, 57	3, 23	1, 45
3 0 9	17, 53	0, 03	4, 57	1, 34
10	17, 03	0, 50	5, 76	1, 19
20	16, 02	1, 01	6, 79	1, 03
4 0 10	14, 52	1, 50	7, 61	0, 82
10	12, 57	1, 95	8, 19	0, 58
20	10, 25	2, 32	8, 53	0, 34
5 0 11	7, 60	2, 65	8, 61	0, 08
10	4, 75	2, 85	8, 43	0, 18
20	1, 63	3, 12	7, 99	0, 44

t Tauri, parvula ſequens quatuor in ſectione. 6. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	50° 26′ 49″	+ 48,″37	CAILLE 9°41′23″	+ 12,″80
TOB. MAYER	50 26 54		T. MAY. 9 41 20	
DE ZACH	50 26 57			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″81 +		— 5,″72 +	
10	14, 35	2,″54	5, 98	0,″26
20	16, 43	2, 08	6, 06	0, 08
1 0 7	18, 06	1, 63	5, 93	0, 13
10	19, 09	1, 03	5, 63	0, 30
20	19, 53	0, 44	5, 18	0, 45
2 0 8	19, 39	0, 14	4, 54	0, 64
10	18, 71	0, 68	3, 77	0, 77
20	17, 42	1, 29	2, 89	0, 88
3 0 9	15, 61	1, 81	1, 92	0, 97
10	13, 32	2, 29	— 0, 89 +	1, 03
20	10, 54	2, 78	+ 0, 16 —	1, 05
4 0 10	7, 63	2, 91	1, 21	1, 05
10	4, 37	3, 26	2, 23	1, 02
20	— 1, 00 +	3, 37	3, 18	0, 95
5 0 11	+ 2, 43 —	3, 43	4, 01	0, 83
10	5, 76	3, 33	4, 74	0, 73
20	8, 92	3, 16	5, 32	0, 58

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″93 +		+ 7,″36 —	
10	3, 90	2,″97	6, 46	0,″90
20	6, 70	2, 80	5, 37	1, 09
1 0 7	9, 39	2, 69	4, 11	1, 26
10	11, 76	2, 37	2, 73	1, 38
20	13, 76	2, 00	+ 1, 27 —	1, 46
2 0 8	15, 35	1, 59	— 0, 22 +	1, 49
10	16, 48	1, 13	1, 71	1, 49
20	17, 09	0, 61	3, 18	1, 47
3 0 9	17, 19	0, 10	4, 53	1, 35
10	16, 76	0, 43	5, 74	1, 21
20	15, 84	0, 92	6, 76	1, 02
4 0 10	14, 42	1, 42	7, 61	0, 85
10	12, 56	1, 86	8, 19	0, 58
20	10, 33	2, 23	8, 54	0, 35
5 0 11	7, 79	2, 54	8, 63	0, 09
10	5, 02	2, 77	8, 44	0, 19
20	2, 07	2, 95	8, 02	0, 42

10 Tauri, ſub pede & ſcapula dextr. 4. *(18 Eridani. Tycho.)* 10

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	51° 40′ 41″		FLAMST. 0°15′11″	
DE ZACH	51 40 9	+ 45,″97	D. ZACH 0 16 54	+ 12,″49

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″32 +		+ 8,″02 —	
10	13, 87	2,″55	7, 89	0,″13
20	16, 03	2, 16	7, 52	0, 37
1 0 7	17, 68	1, 65	6, 92	0, 60
10	18, 79	1, 11	6, 11	0, 81
20	19, 33	0, 54	5, 12	0, 99
2 0 8	19, 28	0, 05	3, 97	1, 15
10	18, 66	0, 62	2, 70	1, 27
20	17, 47	1, 19	+ 1, 35 —	1, 35
3 0 9	15, 74	1, 73	— 0, 05 +	1, 40
10	13, 53	2, 21	1, 44	1, 39
20	10, 92	2, 61	2, 79	1, 35
4 0 10	7, 98	2, 94	4, 05	1, 26
10	4, 78	3, 20	5, 12	1, 07
20	— 1, 46 +	3, 32	6, 10	0, 98
5 0 11	+ 1, 94 —	3, 40	6, 98	0, 88
10	5, 26	3, 32	7, 55	0, 57
20	8, 42	3, 16	7, 91	0, 36

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″03 —		+ 7,″50 —	
10	— 2, 81 +	2,″84	6, 64	0,″86
20	5, 57	2, 76	5, 56	1, 08
1 0 7	8, 14	2, 57	4, 31	1, 25
10	10, 47	2, 33	2, 91	1, 40
20	12, 48	2, 01	+ 1, 47 —	1, 44
2 0 8	14, 13	1, 65	— 0, 03 +	1, 50
10	15, 34	1, 21	1, 53	1, 50
20	16, 07	0, 73	3, 02	1, 49
3 0 9	16, 33	0, 26	4, 38	1, 36
10	16, 08	0, 25	5, 61	1, 23
20	15, 36	0, 72	6, 67	1, 06
4 0 10	14, 15	1, 21	7, 55	0, 88
10	12, 52	1, 63	8, 18	0, 63
20	10, 51	2, 01	8, 57	0, 39
5 0 11	8, 16	2, 35	8, 69	0, 12
10	5, 58	2, 58	8, 54	0, 15
20	2, 82	2, 76	8, 16	0, 38

b Tauri occidentalis lucidior, Pleiadum 5. *(Electra.)* 17

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	53″ 15′ 25″		BRADL. 23°28′19″	
DE LA CAILLE	53 15 15		CAILLE 23 28 1	
TOB. MAYER	53 15 19		T. MAY. 23 28 27	
DE LAMBRE	53 15 20		L.LAND. 23 28 32	
DE ZACH	53 15 22	52,″97	CASSIN. 23 28 36	12,″04

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″95 +		— 1,″46 +	
10	14, 80	2,″85	2, 26	0,″80
20	17, 21	2, 41	3, 01	0, 75
1 0 7	19, 09	1, 88	3, 63	0, 62
10	20, 39	1, 30	4, 17	0, 54
20	21, 09	0, 70	4, 64	0, 47
2 0 8	21, 11	0, 02	4, 86	0, 22
10	20, 51	0, 60	4, 98	0, 12
20	19, 28	1, 23	4, 94	0, 04
3 0 9	17, 48	1, 80	4, 76	0, 18
10	15, 14	2, 34	4, 44	0, 32
20	12, 34	2, 80	3, 97	0, 47
4 0 10	9, 16	3, 18	3, 39	0, 58
10	5, 70	3, 46	2, 65	0, 74
20	— 2, 08 +	3, 62	1, 89	0, 76
5 0 11	+ 1, 61 —	3, 69	1, 14	0, 75
10	5, 26	3, 65	— 0, 25 +	0, 89
20	8, 72	3, 46	+ 0, 60 —	0, 85

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″48 +		+ 7,″65 —	
10	5, 70	3,″22	6, 80	0,″85
20	8, 77	3, 07	5, 74	1, 06
1 0 7	11, 56	2, 79	4, 48	1, 26
10	13, 99	2, 43	3, 11	1, 37
20	16, 00	2, 01	1, 66	1, 45
2 0 8	17, 53	1, 53	+ 0, 17 —	1, 49
10	18, 54	1, 01	— 1, 37 +	1, 54
20	18, 97	0, 43	2, 85	1, 48
3 0 9	18, 82	0, 15	4, 25	1, 40
10	18, 11	0, 71	5, 51	1, 26
20	16, 85	1, 26	6, 59	1, 08
4 0 10	15, 07	1, 78	7, 50	0, 91
10	12, 82	2, 25	8, 17	0, 67
20	10, 20	2, 62	8, 60	0, 43
5 0 11	7, 26	2, 94	8, 75	0, 15
10	4, 12	3, 14	8, 63	0, 12
20	0, 83	3, 29	8, 26	0, 37

d Tauri, infima & occidentali prox. Pleiad. 5. *(Merope.)* 23

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	53° 37′ 18″	+ 52,″96	BRADL. 23°18′54″	+ 11,″95
DE LA CAILLE	53 37 12		CAILLE 23 18 56	
TOB. MAYER	53 37 13		T. MAY. 23 18 59	
DE ZACH	53 37 14			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″86 +		— 1,″47 +	
10	14, 71	2,″85	2, 28	0,″81
20	17, 14	2, 43	3, 01	0, 73
1 0 7	19, 03	1, 89	3, 61	0, 60
10	20, 35	1, 32	4, 14	0, 53
20	21, 06	0, 71	4, 57	0, 43
2 0 8	21, 10	0, 04	4, 75	0, 18
10	20, 53	0, 57	4, 92	0, 17
20	19, 32	1, 21	4, 88	0, 04
3 0 9	17, 53	1, 79	4, 70	0, 18
10	15, 21	2, 32	4, 37	0, 33
20	12, 37	2, 84	3, 91	0, 46
4 0 10	9, 26	3, 11	3, 33	0, 58
10	5, 80	3, 46	2, 61	0, 72
20	— 2, 20 +	3, 60	2, 07	0, 54
5 0 11	+ 1, 51 —	3, 71	1, 08	0, 99
10	5, 20	3, 69	— 0, 21 +	0, 87
20	8, 54	3, 34	+ 0, 64 —	0, 85

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″43 +		+ 7,″67 —	
10	5, 67	3,″24	6, 84	0,″83
20	8, 74	3, 07	5, 77	1, 07
1 0 7	11, 53	2, 79	4, 53	1, 24
10	13, 96	2, 43	3, 15	1, 38
20	15, 97	2, 01	1, 70	1, 45
2 0 8	17, 51	1, 54	+ 0, 21 —	1, 49
10	18, 52	1, 01	— 1, 33 +	1, 54
20	18, 95	0, 43	2, 82	1, 49
3 0 9	18, 81	0, 14	4, 21	1, 39
10	18, 10	0, 71	5, 48	1, 27
20	16, 85	1, 25	6, 57	1, 09
4 0 10	15, 08	1, 77	7, 48	0, 91
10	12, 84	2, 24	8, 16	0, 68
20	10, 23	2, 61	8, 59	0, 43
5 0 11	7, 29	2, 94	8, 75	0, 16
10	4, 15	3, 14	8, 64	0, 11
20	0, 87	3, 28	8, 28	0, 36

η Tauri, media & lucida Pleiadum. 3. (*Alcyone.*) 25

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	53° 54′ 18″		BRADL. 23° 28′ 35″	
DE LA CAILLE	53 54 10		CAILLE 23 28 36	
TOB. MAYER	53 54 13		T. MAY. 23 28 36	
DE LAMBRE	53 54 18		L.LAND. 23 28 43	
DE ZACH	53 54 16	+ 53,″03	CASSIN. 23 28 44	+ 11,″86

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″79 +		— 1,″42 +	
10	14, 65	2,″86	2, 19	0,″77
20	17, 13	2, 48	2, 93	0, 74
1 0 7	19, 04	1, 91	3, 56	0, 63
10	20, 37	1, 33	4, 08	0, 52
20	21, 08	0, 71	4, 49	0, 41
2 0 8	21, 15	0, 07	4, 88	0, 39
10	20, 56	0, 59	4, 89	0, 01
20	19, 39	1, 17	4, 86	0, 03
3 0 9	17, 61	1, 78	4, 70	0, 16
10	15, 33	2, 28	4, 39	0, 31
20	12, 54	2, 79	3, 93	0, 46
4 0 10	9, 37	3, 17	3, 36	0, 57
10	5, 81	3, 56	2, 70	0, 66
20	— 2, 30 +	3, 51	1, 96	0, 74
5 0 11	+ 1, 42 —	3, 72	1, 14	0, 82
10	5, 07	3, 65	— 0, 29 +	0, 85
20	8, 54	3, 47	+ 0, 56 —	0, 85

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″44 +		+ 7,″71 —	
10	5, 67	3,″23	6, 87	0,″84
20	8, 74	3, 07	5, 81	1, 06
1 0 7	11, 53	2, 79	4, 58	1, 23
10	13, 98	2, 45	3, 20	1, 38
20	16, 00	2, 02	1, 75	1, 45
2 0 8	17, 53	1, 53	+ 0, 25 —	1, 50
10	18, 54	1, 01	— 1, 29 +	1, 54
20	18, 98	0, 44	2, 79	1, 50
3 0 9	18, 84	0, 14	4, 18	1, 39
10	18, 09	0, 75	5, 46	1, 28
20	16, 83	1, 26	6, 56	1, 10
4 0 10	15, 06	1, 77	7, 48	0, 92
10	12, 80	2, 26	8, 16	0, 68
20	10, 19	2, 61	8, 60	0, 44
5 0 11	7, 30	2, 89	8, 77	0, 17
10	4, 16	3, 14	8, 67	0, 10
20	0, 87	3, 29	8, 32	0, 35

f Tauri, eſt in cuſpide ad ortum Pleiadum. 6. *(Atlas.)* 27

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	54° 19′ 19″	+ 53,″05	CAILLE 23°25′53″	+ 11,″72
TOB. MAYER	54 19 21		T. MAY. 23 25 52	
DE LAMBRE	54 19 25		L.LAND. 23 26 1	
DE ZACH	54 19 23		CASSINI 23 26 3	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0. 6	— 11,″66 +		— 1,″40 +	
10	14, 56	2,″90	2, 22	0,″82
20	17, 01	2, 45	3, 00	0, 78
1 0 7	18, 94	1, 93	3, 56	0, 56
10	20, 32	1, 38	4, 06	0, 50
20	21, 07	0, 75	4, 46	0, 40
2 0 8	21, 16	0, 09	4, 71	0, 25
10	20, 62	0, 54	4, 83	0, 12
20	19, 43	1, 19	4, 80	0, 03
3 0 9	17, 70	1, 73	4, 64	0, 16
10	15, 41	2, 29	4, 34	0, 30
20	12, 65	2, 76	3, 89	0, 45
4 0 10	9, 49	3, 16	3, 33	0, 56
10	6, 06	3, 43	2, 67	0, 74
20	— 2, 45 +	3, 61	1, 92	0, 75
5 0 11	+ 1, 25 —	3, 70	1, 11	0, 81
10	4, 90	3, 65	— 0, 27 +	0, 84
20	8, 40	3, 50	+ 0, 57 —	0, 84

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″41 +		+ 7,″75 —	
10	5, 70	3,″29	6, 91	0,″84
20	8, 72	3, 02	5, 86	1, 05
1 0 7	11, 51	2, 79	4, 63	1, 23
10	13, 96	2, 45	3, 25	1, 38
20	15, 98	2, 02	1, 80	1, 45
2 0 8	17, 51	1, 53	+ 0, 30 —	1, 50
10	18, 52	1, 01	— 1, 24 +	1, 54
20	18, 98	0, 46	2, 74	1, 50
3 0 9	18, 85	0, 13	4, 13	1, 39
10	18, 14	0, 71	5, 42	1, 29
20	16, 89	1, 25	6, 51	1, 09
4 0 10	15, 12	1, 77	7, 45	0, 94
10	12, 88	2, 24	8, 14	0, 69
20	10, 26	2, 62	8, 60	0, 46
5 0 11	7, 33	2, 93	8, 77	0, 17
10	4, 19	3, 14	8, 68	0, 09
20	0, 90	3, 29	8, 34	0, 34

ε Tauri, in dextri humeri ſcapula. 5. 30

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	54° 19′ 46″	+ 49,″03	T. MAY. 10°31′ 7″	+ 11,″73
DE ZACH	54 19 40			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	— 10,″89 +	2,″69	— 5,″12 +	0,″29
10	13, 58	2, 30	5, 41	0, 11
20	15, 88	1, 80	5, 52	0, 03
1 0 7	17, 68	1, 28	5, 49	0, 23
10	18, 96	0, 70	5, 26	0, 35
20	19, 66	0, 08	4, 91	0, 51
2 0 8	19, 74	0, 45	4, 40	0, 68
10	19, 29	1, 13	3, 72	0, 73
20	18, 16	1, 64	2, 99	0, 86
3 0 9	16, 52	2, 13	2, 13	0, 92
10	14, 39	2, 59	1, 21	0, 95
20	11, 80	2, 94	— 0, 26 +	1, 03
4 0 10	8, 86	3, 21	+ 0, 77 —	0, 88
10	5, 65	3, 35	1, 65	0, 92
20	— 2, 30 +	3, 46	2, 57	0, 79
5 0 11	+ 1, 16 —	3, 43	3, 36	0, 71
10	4, 59	3, 25	4, 07	0, 59
20	7, 84		4, 66	

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	— 1,″05 +	2,″99	+ 7,″75 —	0,″84
10	4, 04	2, 90	6, 91	1, 05
20	6, 94	2, 68	5, 86	1, 23
1 0 7	9, 62	2, 37	4, 63	1, 38
10	11, 99	2, 01	3, 25	1, 45
20	14, 00	1, 60	1, 80	1, 50
2 0 8	15, 60	1, 14	+ 0, 30 —	1, 54
10	16, 74	0, 54	1, 24	1, 50
20	17, 28	0, 14	2, 74	1, 39
3 0 9	17, 42	0, 45	4, 13	1, 29
10	16, 97	0, 95	5, 42	1, 09
20	16, 02	1, 45	6, 51	0, 94
4 0 10	14, 57	1, 90	7, 45	0, 69
10	12, 67	2, 25	8, 14	0, 46
20	10, 42	2, 60	8, 60	0, 17
5 0 11	7, 82	2, 72	8, 77	0, 09
10	5, 10	3, 08	8, 68	0, 34
20	2, 02		8, 34	

λ Tauri, in pectore. 4 — 35

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	57° 24′ 32″		CAILLE 21° 55′ 0″	
TOB. MAYER	57 24 17	+ 9.″56	T. MAY. 21 54 53	+ 10.″8
DE ZACH	57 24 12			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″10 +		— 4,″60 +	
10	12, 94	2,″84	4, 93	0,″33
20	15, 37	2, 43	5, 09	0, 16
1 0 7	17, 34	1, 97	5, 11	0, 02
10	18, 80	1, 46	4, 97	0, 14
20	19, 67	0, 87	4, 67	0, 30
2 0 8	19, 96	0, 29	4, 24	0, 43
10	19, 63	0, 33	3, 66	0, 58
20	18, 72	0, 91	2, 99	0, 67
3 0 9	17, 21	1, 51	2, 22	0, 77
10	15, 23	1, 98	1, 39	0, 83
20	12, 72	2, 51	— 0, 52 +	0, 87
4 0 10	9, 85	2, 87	+ 0, 39 —	0, 91
10	6, 70	3, 15	1, 26	0, 87
20	— 3, 35 +	3, 35	2, 12	0, 86
5 0 11	+ 0, 12 —	3, 47	2, 90	0, 78
10	3, 60	3, 48	3, 58	0, 68
20	6, 95	3, 35	4, 15	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″08 +		+ 8,″06 —	
10	4, 14	3,″06	7, 27	0,″79
20	7, 06	2, 92	6, 25	1, 02
1 0 7	9, 74	2, 68	5, 05	1, 20
10	12, 08	2, 34	3, 69	1, 36
20	14, 18	2, 10	2, 23	1, 46
2 0 8	15, 79	1, 61	+ 0, 72 —	1, 51
10	16, 92	1, 13	— 0, 82 +	1, 54
20	17, 53	0, 61	2, 36	1, 54
3 0 9	17, 61	0, 08	3, 82	1, 46
10	17, 15	0, 46	5, 17	1, 35
20	16, 18	0, 97	6, 35	1, 18
4 0 10	14, 71	1, 47	7, 34	0, 99
10	12, 79	1, 92	8, 08	0, 74
20	10, 49	2, 30	8, 61	0, 53
5 0 11	7, 87	2, 62	8, 87	0, 26
10	4, 87	3, 00	8, 85	0, 02
20	2, 00	2, 87	8, 58	0, 27

A Tauri. 5.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	58° 13′ 9″		BRADL. 21°31′28″	
DE LA CAILLE	58 13 14		CAILLE 21 31 21	
TOB. MAYER	58 13 17		T. MAY. 21 31 29	
DE ZACH	58 13 22	+ 52,″72		+ 10,″60

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″42 +		— 1,″68 +	
10	13, 43	3,″01	2, 32	0,″64
20	16, 00	2, 57	2, 90	0, 58
1 0 7	18, 11	2, 11	3, 38	0, 48
10	19, 68	1, 57	3, 78	0, 40
20	20, 67	0, 99	4, 02	0, 24
2 0 8	21, 03	0, 36	4, 21	0, 19
10	20, 71	0, 32	4, 23	0, 02
20	19, 82	0, 89	4, 11	0, 12
3 0 9	18, 28	1, 54	3, 87	0, 24
10	16, 18	2, 10	3, 51	0, 36
20	13, 61	2, 57	3, 04	0, 47
4 0 10	10, 62	2, 99	2, 49	0, 55
10	7, 32	3, 30	1, 87	0, 62
20	— 3, 81 +	3, 51	1, 19	0, 68
5 0 11	+ 0, 15 —	3, 96	— 0, 47 +	0, 72
10	3, 67	3, 52	+ 0, 26 —	0, 73
20	7, 07	3, 40	1, 00	0, 74

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″98 +		+ 8,″10 —	
10	5, 21	3,″23	7, 34	0,″76
20	8, 26	3, 05	6, 34	1, 00
1 0 7	11, 08	2, 82	5, 15	1, 19
10	13, 56	2, 48	3, 79	1, 36
20	15, 61	2, 05	2, 34	1, 45
2 0 8	17, 22	1, 61	+ 0, 82 —	1, 52
10	18, 29	1, 07	— 0, 73 +	1, 55
20	18, 75	0, 46	2, 28	1, 55
3 0 9	18, 73	0, 92	3, 74	1, 46
10	18, 09	0, 64	5, 08	1, 34
20	16, 93	1, 16	6, 28	1, 20
4 0 10	15, 23	1, 70	7, 28	1, 00
10	13, 07	2, 16	8, 07	0, 79
20	10, 52	2, 55	8, 61	0, 54
5 0 11	7, 64	2, 88	8, 89	0, 28
10	4, 55	3, 09	8, 88	0, 01
20	1, 30	3, 25	8, 63	0, 25

ν Tauri, in fuffragine dextra. 4. 38

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	58° 7′ 52″	+ 47.″62	FLAMST. 5° 25′ 3″	+ 10.″64
DE ZACH	58 7 51			

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
○ ○ 6	— 9,″70 +		— 6,″47 +	
10	12, 54	2,″84	6, 58	0,″11
20	14, 97	2, 43	6, 42	0, 16
1 ○ 7	16, 95	1, 98	6, 10	0, 32
10	18, 40	1, 45	5, 60	0, 50
20	19, 32	0, 92	4, 92	0, 68
2 ○ 8	19, 64	0, 32	4, 08	0, 84
10	19, 36	0, 28	3, 14	0, 94
20	18, 49	0, 87	2, 10	1, 04
3 ○ 9	17, 08	1, 41	— 1, 00 +	1, 10
10	15, 11	1, 97	+ 0, 15 —	1, 15
20	12, 73	2, 38	1, 27	1, 12
4 ○ 10	9, 92	2, 81	2, 36	1, 09
10	6, 84	3, 08	3, 40	1, 04
20	3, 55	3, 29	4, 32	0, 92
5 ○ 11	— 0, 13 +	3, 42	5, 10	0, 78
10	+ 3, 28 —	3, 41	5, 74	0, 64
20	6, 61	3, 33	6, 20	0, 46

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
○ ○ 6	— 0,″48 +		+ 8,″10 —	
10	3, 41	2,″93	7, 34	0,″76
20	6, 24	2, 83	6, 34	1, 00
1 ○ 7	8, 87	2, 63	5, 15	1, 19
10	11, 24	2, 37	3, 79	1, 36
20	13, 26	2, 02	2, 34	1, 45
2 ○ 8	14, 89	1, 63	+ 0, 82 —	1, 52
10	16, 07	1, 18	— 0, 73 +	1, 55
20	16, 74	0, 67	2, 28	1, 55
3 ○ 9	16, 92	0, 18	3, 74	1, 46
10	16, 58	0, 34	5, 08	1, 34
20	15, 74	0, 84	6, 28	1, 20
4 ○ 10	14, 42	1, 32	7, 28	1, 00
10	12, 65	1, 77	8, 07	0, 79
20	10, 32	2, 33	8, 61	0, 54
5 ○ 11	8, 04	2, 28	8, 89	0, 28
10	5, 35	2, 69	8, 88	0, 01
20	2, 47	2, 88	8, 63	0, 25

♄ Tauri, bor. præcedent. lateris quadrilat. in cervice. 5. 42

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	58° 39′ 58″		CAILLE 27°26′52″	
TOB. MAYER	58 39 55			
DE ZACH	58 40 0	+ 55,″21	T. MAY. 27 26 55	+ 10,″46

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″85 +		+ 0,″45 —	
10	14, 06	3,″21	— 0, 40 +	0,″85
20	16, 87	2, 81	1, 26	0, 86
1 0 7	19, 11	2, 24	2, 06	0, 80
10	20, 78	1, 67	2, 83	0, 77
20	21, 87	1, 09	3, 50	0, 67
2 0 8	22, 26	0, 39	4, 06	0, 56
10	21, 97	0, 29	4, 50	0, 44
20	21, 03	0, 94	4, 82	0, 32
3 0 9	19, 44	1, 59	4, 95	0, 13
10	17, 27	2, 17	4, 94	0, 01
20	14, 57	2, 50	4, 80	0, 14
4 0 10	11, 42	3, 15	4, 51	0, 29
10	7, 93	3, 49	4, 10	0, 41
20	4, 19	3, 74	3, 55	0, 55
5 0 11	— 0, 32 +	3, 87	2, 89	0, 66
10	+ 3, 56 —	3, 88	2, 12	0, 77
20	7, 31	3, 75	1, 32	0, 80

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″68 +		+ 8,″19 —	
10	6, 07	3,″39	7, 41	0,″78
20	9, 24	3, 17	6, 41	1, 00
1 0 7	12, 14	2, 90	5, 22	1, 19
10	14, 68	2, 54	3, 86	1, 36
20	16, 76	2, 08	2, 41	1, 45
2 0 8	18, 34	1, 58	+ 0, 88 —	1, 53
10	19, 37	1, 03	— 0, 67 +	1, 55
20	19, 81	0, 44	2, 22	1, 55
3 0 9	19, 63	0, 18	3, 69	1, 47
10	18, 86	0, 77	5, 14	1, 45
20	17, 54	1, 32	6, 34	1, 20
4 0 10	15, 66	1, 88	7, 28	0, 94
10	13, 31	2, 35	8, 08	0, 80
20	10, 56	2, 75	8, 61	0, 53
5 0 11	7, 50	3, 06	8, 91	0, 30
10	4, 21	3, 29	8, 93	0, 02
20	0, 79	3, 42	8, 68	0, 25

1 ♉ Tauri, in collo, duarum parvularum præced. 6. 43

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	59° 22′ 50″		CAILLE 19° 4′ 10″	
TOB. MAYER	59 22 44		T. MAY. 19 4 11	
DE ZACH	59 22 54	+ 51,″98		+ 10,″25

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″87 +		— 2,″38 +	
10	12, 90	3,″03	2, 92	0,″54
20	15, 52	2, 62	3, 37	0, 45
1 0 7	17, 66	2, 14	3, 72	0, 35
10	19, 26	1, 60	3, 96	0, 24
20	20, 30	1, 04	4, 08	0, 12
2 0 8	20, 71	0, 41	4, 07	0, 01
10	20, 49	0, 22	3, 94	0, 13
20	19, 66	0, 83	3, 68	0, 26
3 0 9	18, 21	1, 35	3, 33	0, 35
10	16, 22	1, 99	2, 87	0, 46
20	13, 74	2, 48	2, 25	0, 62
4 0 10	10, 85	2, 89	1, 69	0, 56
10	7, 61	3, 24	1, 02	0, 67
20	4, 15	3, 46	— 0, 32 +	0, 70
5 0 11	— 0, 56 +	3, 59	+ 0, 40 —	0, 72
10	+ 3, 06 —	3, 62	1, 09	0, 69
20	6, 56	3, 50	1, 82	0, 73

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″68 +		+ 8,″21 —	
10	4, 87	3,″19	7, 46	0,″75
20	7, 89	3, 02	6, 48	0, 98
1 0 7	10, 68	2, 79	5, 32	1, 16
10	13, 16	2, 48	3, 96	1, 36
20	15, 22	2, 06	2, 51	1, 45
2 0 8	16, 83	1, 61	+ 0, 97 —	1, 54
10	17, 93	1, 10	— 0, 58 +	1, 55
20	18, 47	0, 54	2, 14	1, 56
3 0 9	18, 46	0, 01	3, 64	1, 50
10	17, 89	0, 57	4, 90	1, 26
20	16, 78	1, 11	6, 11	1, 21
4 0 10	15, 15	1, 63	7, 23	1, 12
10	13, 06	2, 09	8, 04	0, 81
20	10, 59	2, 47	8, 61	0, 57
5 0 11	7, 77	2, 82	8, 92	0, 31
10	4, 75	3, 02	8, 94	0, 02
20	1, 56	3, 19	8, 72	0, 22

p Tauri, auſtr. præcedentis lat. quadrilat. in cervice. 6. 44

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	59° 40′ 9″		CAILLE 25°56′46″	
TOB. MAYER	59 40 4		T. MAY. 25 56 51	
DE ZACH	59 40 6	+ 54,″42		+ 10,″18

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″29 +		— 0,″27 +	
10	13, 48	3,″19	1, 01	0,″74
20	16, 27	2, 79	1, 74	0, 73
1 0 7	18, 53	2, 26	2, 42	0, 68
10	20, 25	1, 72	3, 05	0, 63
20	21, 34	1, 09	3, 53	0, 48
2 0 8	21, 75	0, 41	3, 94	0, 41
10	21, 58	0, 17	4, 23	0, 29
20	20, 71	0, 87	4, 37	0, 14
3 0 9	19, 21	1, 50	4, 41	0, 04
10	17, 14	2, 07	4, 32	0, 09
20	14, 55	2, 59	4, 07	0, 25
4 0 10	11, 50	3, 05	3, 68	0, 39
10	8, 10	3, 40	3, 23	0, 45
20	4, 46	3, 64	2, 68	0, 55
5 0 11	— 0, 69 +	3, 77	2, 00	0, 68
10	+ 3, 13 —	3, 82	1, 28	0, 72
20	6, 81	3, 68	0, 52	0, 76

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″34 +		+ 8,″24 —	
10	5, 67	3,″33	7, 48	0,″76
20	8, 82	3, 15	6, 52	0, 96
1 0 7	11, 69	2, 87	5, 35	1, 17
10	14, 22	2, 53	3, 99	1, 36
20	16, 31	2, 09	2, 55	1, 44
2 0 8	17, 92	1, 61	+ 1, 01 —	1, 54
10	18, 96	1, 04	— 0, 55 +	1, 56
20	19, 45	0, 49	2, 11	1, 56
3 0 9	19, 35	0, 10	3, 59	1, 48
10	18, 63	0, 72	4, 98	1, 39
20	17, 37	1, 26	6, 18	1, 20
4 0 10	15, 57	1, 80	7, 23	1, 05
10	13, 30	2, 27	8, 04	0, 81
20	10, 63	2, 67	8, 61	0, 57
5 0 11	7, 63	3, 00	8, 92	0, 31
10	4, 42	3, 21	8, 96	0, 04
20	1, 04	3, 38	8, 73	0, 23

μ Tauri, in dextro genu. 4. 49

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	61° 10′ 17″,4	+ 48″,60	CAILLE 8°23′ 1″	+ 9″,71
DE ZACH	61 10 16			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8″,94 +		— 5″,54 +	
10	11, 88	2″,94	5, 69	0″,15
20	14, 46	2, 58	5, 71	0, 02
1 0 7	16, 60	2, 14	5, 53	0, 18
10	18, 21	1, 61	5, 16	0, 37
20	19, 31	1, 10	4, 64	0, 52
2 0 8	19, 82	0, 51	4, 02	0, 62
10	19, 70	0, 12	3, 25	0, 77
20	18, 98	0, 72	2, 34	0, 91
3 0 9	17, 71	1, 27	1, 41	0, 93
10	15, 90	1, 81	— 0, 44 +	0, 97
20	13, 60	2, 30	+ 0, 59 —	1, 03
4 0 10	10, 87	2, 73	1, 56	0, 97
10	7, 85	3, 02	2, 53	0, 97
20	4, 55	3, 30	3, 35	0, 82
5 0 11	— 1, 22 +	3, 33	4, 10	0, 75
10	+ 2, 33 —	3, 55	4, 79	0, 69
20	5, 72	3, 39	5, 22	0, 43

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0″,68 +		+ 8″,37 —	
10	3, 66	2″,98	7, 64	0″,73
20	6, 55	2, 89	6, 69	0, 95
1 0 7	9, 21	2, 66	5, 54	1, 15
10	11, 62	2, 41	4, 20	1, 34
20	13, 65	2, 03	2, 75	1, 45
2 0 8	15, 29	1, 64	+ 1, 23 —	1, 52
10	16, 46	1, 17	— 0, 35 +	1, 58
20	17, 12	0, 66	1, 90	1, 55
3 0 9	17, 27	0, 05	3, 42	1, 52
10	16, 88	0, 39	4, 81	1, 39
20	16, 00	0, 88	6, 06	1, 25
4 0 10	14, 62	1, 38	7, 13	1, 07
10	12, 79	1, 83	7, 99	0, 86
20	10, 58	2, 21	8, 59	0, 60
5 0 11	8, 04	2, 54	8, 94	0, 35
10	5, 28	2, 76	9, 01	0, 07
20	2, 28	3, 00	8, 83	0, 18

2 ω Tauri, duarum parvularum in collo ſequens. 6. 50

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	61° 23′ 23″		CAILLE 20° 4′ 30″	
TOB. MAYER	61 23 19		T. MAY. 20 4 33	
DE ZACH	61 23 21	+ 52,″43		+ 9.″65

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″35 +		— 1,″95 +	
10	12, 46	3,″11	2, 49	0,″54
20	15, 18	2, 72	2, 95	0, 46
1 0 7	17, 44	2, 26	3, 34	0, 39
10	19, 14	1, 70	3, 61	0, 27
20	20, 32	1, 18	3, 77	0, 16
2 0 8	20, 87	0, 55	3, 82	0, 05
10	20, 76	0, 11	3, 76	0, 06
20	20, 03	0, 73	3, 58	0, 18
3 0 9	18, 69	1, 34	3, 29	0, 29
10	16, 78	1, 91	2, 90	0, 39
20	14, 37	2, 41	2, 42	0, 48
4 0 10	11, 51	2, 86	1, 87	0, 55
10	8, 33	3, 18	1, 27	0, 60
20	4, 86	3, 47	— 0, 62 +	0, 65
5 0 11	— 1, 26 +	3, 60	+ 0, 07 —	0, 69
10	+ 2, 39 —	3, 65	0, 71	0, 64
20	5, 95	3, 56	1, 35	0, 64

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″73 +		+ 8,″37 —	
10	4, 92	3,″19	7, 65	0,″72
20	7, 94	3, 02	6, 71	0, 94
1 0 7	10, 76	2, 82	5, 56	1, 15
10	13, 25	2, 49	4, 23	1, 33
20	15, 33	2, 08	2, 78	1, 45
2 0 8	16, 97	1, 64	+ 1, 26 —	1, 52
10	18, 08	1, 11	— 0, 33 +	1, 59
20	18, 63	0, 55	1, 88	1, 55
3 0 9	18, 63	0, 00	3, 40	1, 52
10	18, 06	0, 54	4, 81	1, 41
20	16, 94	1, 12	6, 06	1, 25
4 0 10	15, 30	1, 64	7, 13	1, 07
10	13, 19	2, 11	7, 99	0, 86
20	10, 69	2, 50	8, 60	0, 61
5 0 11	7, 86	2, 83	8, 95	0, 35
10	4, 82	3, 04	9, 02	0, 07
20	1, 60	3, 22	8, 84	0, 18

♋ Tauri, borea ſequent. lateris quadrilat. in cervice. 5. 32

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	62° 1′ 10″	+ 54.″96	BRADL. 26°51′46″	+ 9.″45
DE LA CAILLE	62 0 58		CAILLE 26 51 36	
TOB. MAYER	62 1 7		T. MAY. 26 51 41	
DE ZACH	62 1 6			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″76 +		+ 0,″18 —	
10	12, 95	3,″19	— 0, 54 +	0,″73
20	15, 85	2, 90	1, 25	0, 71
1 0 7	18, 26	2, 41	1, 95	0, 70
10	20, 12	1, 86	2, 60	0, 65
20	21, 36	1, 24	3, 23	0, 63
2 0 8	21, 97	0, 61	3, 69	0, 46
10	21, 90	0, 07	3, 91	0, 22
20	21, 17	0, 73	4, 05	0, 14
3 0 9	19, 80	1, 37	4, 14	0, 09
10	17, 82	1, 98	4, 30	0, 06
20	15, 30	2, 52	4, 16	0, 24
4 0 10	12, 31	2, 99	3, 78	0, 28
10	8, 98	3, 33	3, 40	0, 38
20	5, 32	3, 66	2, 91	0, 49
5 0 11	— 1, 54 +	3, 78	2, 29	0, 62
10	+ 2, 31 —	3, 85	1, 60	0, 69
20	6, 08	3, 77	0, 86	0, 74

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″27 +		+ 8,″43 —	
10	5, 60	3,″33	7, 71	0,″72
20	8, 81	3, 21	6, 77	0, 94
1 0 7	11, 72	2, 91	5, 62	1, 15
10	14, 29	2, 57	4, 31	1, 31
20	16, 41	2, 12	2, 86	1, 45
2 0 8	18, 05	1, 64	+ 1, 33 —	1, 53
10	19, 13	1, 08	— 0, 25 +	1, 58
20	19, 62	0, 49	1, 81	1, 56
3 0 9	19, 52	0, 10	3, 34	1, 53
10	18, 83	0, 69	4, 74	1, 40
20	17, 58	1, 25	6, 00	1, 26
4 0 10	15, 78	1, 80	7, 10	1, 10
10	13, 50	2, 28	7, 97	0, 87
20	10, 80	2, 70	8, 59	0, 62
5 0 11	7, 79	3, 01	8, 96	0, 37
10	4, 56	3, 23	9, 04	0, 08
20	1, 16	3, 40	8, 87	0, 17

γ Tauri, de quinq. in facie, dictis ſuculæ, eſt in naribus. 3. 54

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	62° 6′ 29″		BRADL. 15° 7′ 57″	
DE LA CAILLE	62 6 13		CAILLE 15 8 3	
TOB. MAYER	62 6 15		T. MAY. 15 8 0	
DE LAMBRE	62 6 24		L.LAND. 15 8 11	
DE ZACH	62 6 21	+ 50,″80	CASSIN. 15 8 10	9,″42

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″89 +		— 3,″44 +	
10	11, 95	3,″06	3, 83	0,″39
20	14, 63	2, 68	4, 09	0, 26
1 0 7	16, 85	2, 22	4, 23	0, 14
10	18, 57	1, 72	4, 23	0, 00
20	19, 76	1, 19	4, 09	0, 14
2 0 8	20, 30	0, 54	3, 88	0, 21
10	20, 25	0, 05	3, 48	0, 40
20	19, 59	0, 66	3, 00	0, 48
3 0 9	18, 35	1, 24	2, 44	0, 56
10	16, 53	1, 82	1, 80	0, 64
20	14, 16	2, 37	1, 13	0, 67
4 0 10	11, 40	2, 76	— 0, 38 +	0, 75
10	8, 33	3, 07	+ 0, 35 —	0, 73
20	4, 95	3, 38	1, 07	0, 72
5 0 11	— 1, 46 +	3, 49	1, 78	0, 71
10	+ 2, 09 —	3, 55	2, 42	0, 64
20	5, 58	3, 49	2, 99	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″21 +		+ 8,″44 —	
10	4, 32	3,″11	7, 72	0,″72
20	7, 31	2, 99	6, 78	0, 94
1 0 7	10, 06	2, 75	5, 63	1, 15
10	12, 53	2, 47	4, 32	1, 31
20	14, 59	2, 06	2, 87	1, 45
2 0 8	16, 24	1, 65	+ 1, 34 —	1, 53
10	17, 38	1, 14	— 0, 26 +	1, 60
20	17, 98	0, 60	1, 82	1, 56
3 0 9	18, 05	0, 07	3, 35	1, 53
10	17, 56	0, 49	4, 75	1, 40
20	16, 56	1, 00	6, 01	1, 26
4 0 10	15, 03	1, 53	7, 11	1, 10
10	13, 05	1, 98	7, 98	0, 87
20	10, 67	2, 38	8, 59	0, 61
5 0 11	7, 97	2, 70	8, 96	0, 37
10	5, 05	2, 92	9, 04	0, 08
20	1, 95	3, 10	8, 87	0, 17

χ Tauri, auſtral. ſequent. lateris quadrilat. in cervice 5. 59

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	62° 36′ 29″	+ 54,″35	BRADL. 25° 8′ 42″	+ 9,″27
DE LA CAILLE	62 36 19		CAILLE 25 8 35	
TOB. MAYER	62 36 21		T. MAY. 25 8 45	
DE ZACH	62 36 28			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″32 +		— 0,″30 +	
10	12, 58	3,″26	1, 07	0,″77
20	15, 51	2, 93	1, 62	0, 55
1 0 7	17, 90	2, 39	2, 21	0, 59
10	19, 76	1, 86	2, 74	0, 53
20	21, 02	1, 26	3, 19	0, 45
2 0 8	21, 65	0, 63	3, 54	0, 35
10	21, 63	0, 02	3, 78	0, 24
20	20, 93	0, 70	3, 91	0, 13
3 0 9	19, 63	1, 30	3, 91	0, 00
10	17, 71	1, 92	3, 80	0, 11
20	15, 26	2, 45	3, 57	0, 23
4 0 10	12, 33	2, 93	3, 23	0, 34
10	9, 05	3, 28	2, 80	0, 43
20	5, 46	3, 59	2, 28	0, 52
5 0 11	— 1, 72 +	3, 74	1, 70	0, 58
10	+ 2, 10 —	3, 82	1, 05	0, 65
20	5, 79	3, 69	0, 38	0, 67

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″06 +		+ 8,″47 —	
10	5, 39	3,″33	7, 75	0,″72
20	8, 54	3, 15	6, 83	0, 92
1 0 7	11, 43	2, 89	5, 70	1, 13
10	13, 99	2, 56	4, 38	1, 32
20	16, 11	2, 12	2, 94	1, 44
2 0 8	17, 76	1, 65	+ 1, 40 —	1, 54
10	18, 85	1, 09	— 0, 17 +	1, 57
20	19, 37	0, 52	1, 74	1, 57
3 0 9	19, 31	0, 06	3, 27	1, 53
10	18, 65	0, 66	4, 70	1, 43
20	17, 45	1, 20	5, 96	1, 26
4 0 10	15, 70	1, 75	7, 09	1, 13
10	13, 47	2, 23	7, 93	0, 84
20	10, 82	2, 65	8, 59	0, 66
5 0 11	7, 86	2, 96	8, 97	0, 38
10	4, 69	3, 17	9, 06	0, 09
20	1, 33	3, 36	8, 90	0, 16

1 ♉ Tauri, inter illam in nar. (γ) & ocul. bor. Hyad. 1ma 4. 61

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	62° 51′ 16″		BRADL. 17° 3′ 42″	
DE LA CAILLE	62 51 6		CAILLE 17 3 48	
TOB. MAYER	62 51 8		T. MAY. 17 3 44	
DE LAMBRE	62 51 16	+	L.LAND. 17 3 54	+
DE ZACH	62 51 14	51,″48	CASSIN. 17 3 45	9,″19

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♈ 0 0 6	— 8,″73 +		— 2,″83 +	
10	11, 87	3,″14	3, 25	0,″42
20	14, 65	2, 78	3, 54	0, 29
1 0 7	16, 92	2, 27	3, 77	0, 23
10	18, 69	1, 77	3, 89	0, 12
20	19, 89	1, 20	3, 87	0, 02
2 0 8	20, 50	0, 61	3, 74	0, 13
10	20, 49	0, 01	3, 48	0, 26
20	19, 83	0, 66	3, 12	0, 36
3 0 9	18, 62	1, 21	2, 67	0, 45
10	16, 83	1, 79	2, 14	0, 53
20	14, 52	2, 31	1, 54	0, 60
4 0 10	11, 76	2, 76	0, 89	0, 65
10	8, 66	3, 10	— 0, 23 +	0, 66
20	5, 26	3, 40	+ 0, 45 —	0, 68
5 0 11	— 1, 74 +	3, 52	1, 12	0, 67
10	+ 1, 85 —	3, 59	1, 74	0, 62
20	5, 39	3, 54	2, 32	0, 58

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♈ 0 0 6	— 1,″34 +		+ 8,″50 —	
10	4, 50	3,″16	7, 80	0,″70
20	7, 52	3, 02	6, 87	0, 93
1 0 7	10, 30	2, 78	5, 73	1, 14
10	12, 78	2, 48	4, 42	1, 31
20	14, 87	2, 09	2, 98	1, 44
2 0 8	16, 51	1, 64	+ 1, 44 —	1, 54
10	17, 65	1, 14	— 0, 10 +	1, 54
20	18, 25	0, 60	1, 68	1, 58
3 0 9	18, 30	0, 05	3, 24	1, 56
10	17, 78	0, 52	4, 66	1, 42
20	16, 74	1, 04	5, 94	1, 28
4 0 10	15, 18	1, 56	7, 05	1, 11
10	13, 15	2, 03	7, 95	0, 90
20	10, 73	2, 42	8, 59	0, 64
5 0 11	7, 98	2, 75	8, 97	0, 38
10	5, 01	2, 97	9, 08	0, 11
20	1, 86	3, 15	8, 93	0, 15

2 ♉ Tauri, Hyadum 2da 4. 64

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	63° 8′ 43″			
DE LA CAILLE	63 8 35		BRADL. 16°58′ 8″	
TOB. MAYER	63 8 38		CAILLE 16 58 12	
DE LAMBRE	63 8 44		T. MAY. 16 58 8	
DE ZACH	63 8 43	+ 51,″46	L.LAND. 16 58 17	+ 9,″10

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″67 +		— 2,″85 +	
10	11, 79	3,″12	3, 26	0,″41
20	14, 53	2, 74	3, 58	0, 32
1 0 7	16, 81	2, 28	3, 79	0, 21
10	18, 60	1, 79	3, 88	0, 09
20	19, 84	1, 24	3, 85	0, 03
2 0 8	20, 49	0, 65	3, 71	0, 14
10	20, 49	0, 00	3, 46	0, 25
20	19, 89	0, 60	3, 10	0, 36
3 0 9	18, 68	1, 21	2, 64	0, 46
10	16, 91	1, 77	2, 11	0, 53
20	14, 55	2, 36	1, 51	0, 60
4 0 10	11, 79	2, 76	0, 88	0, 63
10	8, 71	3, 08	— 0, 19 +	0, 69
20	5, 33	3, 38	+ 0, 47 —	0, 66
5 0 11	— 1, 81 +	3, 52	1, 15	0, 68
10	+ 1, 77 —	3, 58	1, 77	0, 62
20	5, 31	3, 54	2, 35	0, 58

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″32 +		+ 8,″51 —	
10	4, 47	3,″15	7, 82	0,″69
20	7, 50	3, 03	6, 88	0, 94
1 0 7	10, 30	2, 80	5, 75	1, 13
10	12, 76	2, 46	4, 44	1, 31
20	14, 84	2, 08	3, 00	1, 44
2 0 8	16, 49	1, 65	+ 1, 46 —	1, 54
10	17, 63	1, 14	— 0, 10 +	1, 56
20	18, 23	0, 60	1, 68	1, 58
3 0 9	18, 28	0, 05	3, 22	1, 54
10	17, 77	0, 51	4, 64	1, 42
20	16, 74	1, 03	5, 92	1, 28
4 0 10	15, 18	1, 56	7, 03	1, 11
10	13, 16	2, 02	7, 93	0, 90
20	10, 74	2, 42	8, 57	0, 64
5 0 11	7, 99	2, 75	8, 97	0, 40
10	5, 03	2, 96	9, 08	0, 11
20	1, 88	3, 15	8, 93	0, 15

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	63° 22′ 0″		BRADL. 21°49′26″	
DE LA CAILLE	63 21 56		CAILLE 21 49 15	
DE ZACH	63 21 59	+ 53,″17		+ 9,″04

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″83 +		— 1,″32 +	
10	12, 06	3,″23	1, 88	0,″56
20	14, 90	2, 84	2, 36	0, 48
1 0 7	17, 29	2, 39	2, 78	0, 42
10	19, 17	1, 88	3, 13	0, 35
20	20, 44	1, 27	3, 40	0, 27
2 0 8	21, 11	0, 67	3, 54	0, 14
10	21, 11	0, 00	3, 58	0, 04
20	20, 50	0, 61	3, 50	0, 08
3 0 9	19, 26	1, 24	3, 33	0, 17
10	17, 44	1, 82	3, 04	0, 29
20	15, 08	2, 36	2, 68	0, 36
4 0 10	12, 25	2, 83	2, 22	0, 46
10	9, 08	3, 17	1, 72	0, 50
20	5, 60	3, 48	1, 15	0, 57
5 0 11	— 1, 97 +	3, 63	— 0, 55 +	0, 60
10	+ 1, 71 —	3, 68	+ 0, 09 —	0, 64
20	5, 36	3, 65	0, 70	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″70 +		+ 8,″54 —	
10	4, 96	3,″26	7, 85	0,″69
20	8, 07	3, 11	6, 93	0, 92
1 0 7	10, 91	2, 84	5, 79	1, 14
10	13, 45	2, 54	4, 50	1, 29
20	15, 56	2, 11	3, 03	1, 47
2 0 8	17, 31	1, 75	+ 1, 50 —	1, 53
10	18, 34	1, 03	— 0, 06 +	1, 56
20	18, 89	0, 55	1, 64	1, 58
3 0 9	18, 89	0, 00	3, 18	1, 54
10	18, 31	0, 58	4, 61	1, 43
20	17, 18	1, 13	5, 90	1, 29
4 0 10	15, 51	1, 67	7, 01	1, 11
10	13, 36	2, 15	7, 93	0, 92
20	10, 83	2, 53	8, 57	0, 64
5 0 11	7, 96	2, 87	8, 97	0, 40
10	4, 88	3, 08	9, 10	0, 13
20	1, 60	3, 28	8, 96	0, 14

r Tauri. 5. 66

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	63° 14′ 5″	+ 48,″83	FLAMST. 8° 58′ 43″	+ 9,″09
DE ZACH	63 14 34		D. ZACH 8 58 57	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″30 +		— 5,″31 +	
10	11, 33	3,″03	5, 47	0,″16
20	14, 00	2, 67	5, 48	0, 01
1 0 7	16, 25	2, 25	5, 31	0, 17
10	18, 01	1, 76	4, 98	0, 33
20	19, 21	1, 20	4, 49	0, 49
2 0 8	19, 84	0, 63	3, 87	0, 62
10	19, 84	0, 00	3, 12	0, 75
20	19, 27	0, 57	2, 30	0, 82
3 0 9	18, 10	1, 17	1, 40	0, 90
10	16, 39	1, 71	— 0, 37 +	1, 03
20	14, 17	2, 22	+ 0, 55 —	0, 92
4 0 10	11, 51	2, 66	1, 46	0, 91
10	8, 54	2, 97	2, 35	0, 89
20	5, 26	3, 28	3, 18	0, 83
5 0 11	— 1, 85 —	3, 41	3, 91	0, 73
10	+ 1, 61 +	3, 46	4, 42	0, 51
20	5, 04	3, 43	4, 99	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″67 +		+ 8,″54 —	
10	3, 68	3,″01	7, 85	0,″69
20	6, 57	2, 89	6, 93	0, 92
1 0 7	9, 25	2, 68	5, 79	1, 14
10	11, 67	2, 42	4, 50	1, 29
20	13, 72	2, 05	3, 03	1, 47
2 0 8	15, 36	1, 64	+ 1, 50 —	1, 53
10	16, 54	1, 18	— 0, 06 +	1, 56
20	17, 20	0, 66	1, 64	1, 58
3 0 9	17, 35	0, 15	3, 18	1, 54
10	16, 97	0, 38	4, 61	1, 43
20	16, 08	0, 89	5, 90	1, 29
4 0 10	14, 69	1, 39	7, 01	1, 11
10	12, 85	1, 84	7, 93	0, 92
20	10, 63	2, 22	8, 57	0, 64
5 0 11	8, 10	2, 53	8, 97	0, 40
10	5, 31	2, 79	9, 10	0, 13
20	2, 35	2, 96	8, 96	0, 14

2 κ Tauri. 5. 67

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	63° 22′ 42″		BRADL. 21° 43′ 49″	
DE LA CAILLE	63 22 42		CAILLE 21 42 36	
DE ZACH	63 22 47	+ 53,″14		+ 9,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″83 +		— 1,″35 +	
10	12, 05	3,″22	1, 89	0,″54
20	14, 89	2, 84	2, 38	0, 49
1 0 7	17, 28	2, 39	2, 81	0, 43
10	19, 15	1, 87	3, 15	0, 34
20	20, 42	1, 27	3, 40	0, 25
2 0 8	21, 10	0, 68	3, 55	0, 15
10	21, 10	0, 00	3, 58	0, 03
20	20, 49	0, 61	3, 49	0, 09
3 0 9	19, 25	1, 24	3, 32	0, 17
10	17, 43	1, 82	3, 04	0, 28
20	15, 07	2, 36	2, 65	0, 39
4 0 10	12, 24	2, 83	2, 16	0, 49
10	9, 08	3, 16	1, 64	0, 52
20	5, 60	3, 48	1, 12	0, 52
5 0 11	— 1, 97 +	3, 63	— 0, 51 +	0, 61
10	+ 1, 71 —	3, 68	+ 0, 12 —	0, 63
20	5, 36	3, 65	0, 73	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″69 +		+ 8,″54 —	
10	4, 95	3,″26	7, 85	0,″69
20	8, 06	3, 11	6, 93	0, 92
1 0 7	10, 90	2, 84	5, 79	1, 14
10	13, 44	2, 54	4, 50	1, 29
20	15, 54	2, 10	3, 03	1, 57
2 0 8	17, 30	1, 76	+ 1, 50 —	1, 53
10	18, 33	1, 03	— 0, 06 +	1, 56
20	18, 88	0, 55	1, 64	1, 58
3 0 9	18, 88	0, 00	3, 18	1, 54
10	18, 30	0, 58	4, 61	1, 43
20	17, 17	1, 13	5, 90	1, 29
4 0 10	15, 50	1, 67	7, 01	1, 11
10	13, 36	2, 14	7, 93	0, 92
20	10, 82	2, 54	8, 57	0, 64
5 0 11	7, 96	2, 86	8, 97	0, 40
10	4, 88	3, 08	9, 10	0, 13
20	1, 61	3, 27	8, 96	0, 14

3 ♂ Tauri. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	63° 28′ 54″		CAILLE 17°27′36″	
BRADLEY	63 28 59		BRADL. 17 27 31	
TOB. MAYER	63 29 8			
DE ZACH	63 28 52	+ 51,″65	T. MAY. 17 27 32	+ 8,″99

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″58 +		— 2,″68 +	
10	11, 72	3,″14	3, 10	0,″42
20	14, 49	2, 77	3, 43	0, 33
1 0 7	16, 83	2, 34	3, 66	0, 23
10	18, 64	1, 81	3, 78	0, 12
20	19, 89	1, 25	3, 76	0, 02
2 0 8	20, 54	0, 65	3, 67	0, 09
10	20, 58	0, 04	3, 44	0, 23
20	19, 97	0, 61	3, 10	0, 34
3 0 9	18, 78	1, 19	2, 68	0, 42
10	16, 99	1, 79	2, 19	0, 49
20	14, 71	2, 28	1, 59	0, 60
4 0 10	11, 95	2, 76	— 0, 97 +	0, 62
10	8, 87	3, 08	+ 0, 09 —	1, 06
20	5, 47	3, 40	0, 33	0, 24
5 0 11	— 1, 94 +	3, 53	0, 99	0, 66
10	+ 1, 65 —	3, 59	1, 60	0, 61
20	5, 20	3, 55	2, 17	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″34 +		+ 8,″55 —	
10	4, 51	3,″17	7, 85	0,″70
20	7, 53	3, 02	6, 93	0, 92
1 0 7	10, 31	2, 78	5, 80	1, 13
10	12, 82	2, 51	4, 49	1, 31
20	14, 91	2, 09	3, 05	1, 44
2 0 8	16, 56	1, 65	+ 1, 51 —	1, 54
10	17, 71	1, 15	— 0, 05 +	1, 56
20	18, 30	0, 59	1, 63	1, 58
3 0 9	18, 35	0, 05	3, 18	1, 55
10	17, 83	0, 52	4, 59	1, 41
20	16, 79	1, 04	5, 89	1, 30
4 0 10	15, 22	1, 57	7, 01	1, 12
10	13, 19	2, 03	7, 92	0, 91
20	10, 76	2, 43	8, 57	0, 65
5 0 11	8, 01	2, 75	8, 98	0, 41
10	5, 03	2, 98	9, 10	0, 12
20	1, 87	3, 16	8, 96	0, 14

1 ν Tauri, duar. propinquar. in aure borea, borealis. 5. 69

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	63° 35′ 18″	+ 53,″38	BRADL. 22°20′53″	+ 8,″97
DE LA CAILLE	63 35 15		CAILLE 22 20 47	
TOB. MAYER	63 35 9		T. MAY. 22 20 59	
DE ZACH	63 35 21			

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 0 6	— 8,″81 +		— 1,″14 +	
10	12, 05	3,″24	1, 70	0,″56
20	14, 91	2, 86	2, 21	0, 51
1 0 7	17, 34	2, 43	2, 66	0, 45
10	19, 19	1, 85	3, 05	0, 39
20	20, 49	1, 30	3, 32	0, 27
2 0 8	21, 18	0, 69	3, 49	0, 17
10	21, 22	0, 04	3, 57	0, 08
20	20, 61	0, 61	3, 52	0, 05
3 0 9	19, 39	1, 22	3, 38	0, 14
10	17, 54	1, 85	3, 13	0, 25
20	15, 24	2, 30	2, 78	0, 35
4 0 10	12, 37	2, 87	2, 41	0, 37
10	9, 18	3, 19	1, 86	0, 55
20	5, 68	3, 50	1, 30	0, 56
5 0 11	— 2, 03 +	3, 65	0, 71	0, 59
10	+ 1, 67 —	3, 70	— 0, 09 +	0, 62
20	5, 33	3, 66	+ 0, 52 —	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″74 +		+ 8,″56 —	
10	5, 01	3,″27	7, 87	0,″69
20	8, 13	3, 12	6, 94	0, 93
1 0 7	10, 98	2, 85	5, 81	1, 13
10	13, 52	2, 54	4, 51	1, 30
20	15, 64	2, 12	3, 07	1, 44
2 0 8	17, 30	1, 66	+ 1, 53 —	1, 54
10	18, 42	1, 12	— 0, 03 +	1, 56
20	18, 97	0, 55	1, 62	1, 59
3 0 9	18, 95	0, 02	3, 16	1, 54
10	18, 37	0, 58	4, 60	1, 44
20	17, 23	1, 14	5, 89	1, 29
4 0 10	15, 55	1, 68	7, 01	1, 12
10	13, 41	2, 14	7, 92	0, 91
20	10, 85	2, 56	8, 57	0, 65
5 0 11	7, 97	2, 88	8, 97	0, 40
10	4, 83	3, 14	9, 10	0, 13
20	1, 52	3, 31	8, 96	0, 14

ϖ Tauri, præcedens trium infra ſuculas. 5. 73

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	63° 49′ 43″	+	T. MAY. 14° 15′ 1″	+
DE ZACH	63 49 51	50,″58		8,″88

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″35 +		— 3,″69 +	
10	11, 45	3,″10	4, 00	0,″31
20	14, 22	2, 77	4, 19	0, 19
1 0 7	16, 51	2, 29	4, 28	0, 09
10	18, 31	1, 80	4, 21	0, 07
20	19, 55	1, 24	4, 02	0, 19
2 0 8	20, 21	0, 66	3, 72	0, 30
10	20, 26	0, 05	3, 31	0, 41
20	19, 68	0, 58	2, 78	0, 53
3 0 9	18, 53	1, 15	2, 17	0, 61
10	16, 80	1, 73	1, 52	0, 65
20	14, 55	2, 25	0, 78	0, 74
4 0 10	11, 85	2, 70	— 0, 07 +	0, 71
10	8, 82	3, 03	+ 0, 63 —	0, 70
20	5, 48	3, 34	1, 32	0, 69
5 0 11	— 2, 02 +	3, 46	2, 00	0, 68
10	+ 1, 49 —	3, 51	2, 64	0, 64
20	4, 91	3, 42	3, 24	0, 60

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″07 +		+ 8,″57 —	
10	4, 18	3,″11	7, 88	0,″69
20	7, 16	2, 98	6, 96	0, 92
1 0 7	9, 90	2, 74	5, 84	1, 12
10	12, 37	2, 47	4, 54	1, 30
20	14, 45	2, 08	3, 09	1, 45
2 0 8	16, 10	1, 65	+ 1, 56 —	1, 53
10	17, 26	1, 16	— 0, 02 +	1, 58
20	17, 87	0, 61	1, 59	1, 57
3 0 9	17, 97	0, 10	3, 15	1, 56
10	17, 51	0, 46	4, 57	1, 42
20	16, 54	0, 97	5, 87	1, 30
4 0 10	15, 02	1, 52	6, 99	1, 12
10	13, 07	1, 95	7, 91	0, 92
20	10, 73	2, 34	8, 57	0, 66
5 0 11	8, 05	2, 68	8, 98	0, 41
10	5, 15	2, 90	9, 11	0, 13
20	2, 07	3, 08	8, 97	0, 14

ε Tauri, in oculo boreo. 3. 4. 74

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	64° 14′ 13″		BRADL. 18° 43′ 27″	
DE LA CAILLE	64 14 5		CAILLE 18 43 35	
TOB. MAYER	64 14 10		T. MAY. 18 43 32	
DE LAMBRE	64 14 20		L.LAND. 18 43 42	
DE ZACH	64 14 15	52,″12	CASSINI 18 43 29	8,″76

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″42 +		— 2,″30 +	
10	11, 62	3,″20	2, 71	0,″41
20	14, 42	2, 80	3, 06	0, 35
1 0 7	16, 79	2, 37	3, 34	0, 28
10	18, 66	1, 87	3, 53	0, 19
20	19, 97	1, 31	3, 59	0, 06
2 0 8	20, 69	0, 72	3, 56	0, 03
10	20, 75	0, 06	3, 40	0, 16
20	20, 20	0, 55	3, 14	0, 26
3 0 9	19, 04	1, 16	2, 80	0, 34
10	17, 29	1, 76	2, 37	0, 43
20	14, 97	2, 32	1, 85	0, 52
4 0 10	12, 24	2, 73	1, 29	0, 56
10	9, 16	3, 08	0, 69	0, 60
20	5, 76	3, 40	— 0, 07 +	0, 62
5 0 11	— 2, 22 +	3, 54	+ 0, 56 —	0, 63
10	+ 1, 40 —	3, 62	1, 15	0, 59
20	4, 99	3, 59	1, 73	0, 58

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″41 +		+ 8,″59 —	
10	4, 60	3,″19	7, 92	0,″67
20	7, 66	3, 06	7, 00	0, 92
1 0 7	10, 47	2, 81	5, 89	1, 11
10	12, 98	2, 51	4, 59	1, 30
20	15, 08	2, 10	3, 15	1, 44
2 0 8	16, 74	1, 66	1, 63	1, 52
10	17, 89	1, 15	+ 0, 03 —	1, 60
20	18, 47	0, 58	— 1, 53 +	1, 56
3 0 9	18, 52	0, 05	3, 08	1, 55
10	17, 99	0, 53	4, 52	1, 44
20	16, 93	1, 06	5, 83	1, 31
4 0 10	15, 33	1, 60	6, 96	1, 13
10	13, 28	2, 05	7, 88	0, 92
20	10, 82	2, 46	8, 56	0, 68
5 0 11	8, 03	2, 79	8, 98	0, 42
10	5, 02	3, 01	9, 12	0, 14
20	1, 83	3, 19	8, 99	0, 13

76 Tauri. 5. 7. 76

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	64° 16′ 2″	+ 50,″60	T. MAY. 14°17′ 5″	+ 8,″75
DE ZACH	64 16 2			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″19 +		— 3,″67 +	
10	11, 32	3,″13	3, 97	0,″30
20	14, 07	2, 75	4, 16	0, 19
1 0 7	16, 41	2, 34	4, 24	0, 08
10	18, 23	1, 82	4, 18	0, 06
20	19, 51	1, 28	3, 98	0, 20
2 0 8	20, 18	0, 67	3, 68	0, 30
10	20, 29	0, 11	3, 26	0, 42
20	19, 74	0, 55	2, 73	0, 53
3 0 9	18, 61	1, 13	2, 14	0, 59
10	16, 89	1, 72	1, 48	0, 66
20	14, 71	2, 18	0, 76	0, 72
4 0 10	11, 99	2, 72	— 0, 02 +	0, 74
10	8, 98	3, 01	+ 0, 70 —	0, 72
20	5, 65	3, 33	1, 42	0, 72
5 0 11	— 2, 15 +	3, 50	2, 11	0, 69
10	+ 1, 33 —	3, 48	2, 70	0, 59
20	4, 85	3, 52	3, 23	0, 53

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″05 +		+ 8,″60 —	
10	4, 16	3,″11	7, 93	0,″67
20	7, 15	2, 99	7, 01	0, 92
1 0 7	9, 89	2, 74	5, 90	1, 11
10	12, 36	2, 47	4, 60	1, 30
20	14, 44	2, 08	3, 16	1, 44
2 0 8	16, 10	1, 66	1, 64	1, 52
10	17, 26	1, 16	+ 0, 05 —	1, 59
20	17, 88	0, 62	— 1, 52 +	1, 57
3 0 9	17, 98	0, 10	3, 07	1, 55
10	17, 52	0, 46	4, 51	1, 44
20	16, 59	0, 93	5, 82	1, 31
4 0 10	15, 04	1, 55	6, 95	1, 13
10	13, 09	1, 95	7, 88	0, 93
20	10, 75	2, 34	8, 55	0, 67
5 0 11	8, 07	2, 68	8, 98	0, 43
10	5, 17	2, 90	9, 12	0, 14
20	2, 09	3, 08	8, 99	0, 13

1 θ Tauri, inter 11am (γ) & auſtrinum oculum. 5. 77

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	64° 17′ 22″	+ 51,″02	BRADL. 15°30′22″	+ 8,″74
DE LA CAILLE	64 17 17		CAILLE 15 30 28	
TOB. MAYER	64 17 21		T. MAY. 15 30 28	
DE ZACH	64 17 25			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″24 +		— 3,″27 +	
10	11, 39	3,″15	3, 62	0,″35
20	14, 15	2, 76	3, 85	0, 23
1 0 7	16, 50	2, 35	3, 98	0, 13
10	18, 34	1, 84	3, 98	0, 00
20	19, 63	1, 29	3, 86	0, 12
2 0 8	20, 30	0, 67	3, 65	0, 21
10	20, 40	0, 10	3, 30	0, 35
20	19, 85	0, 55	2, 85	0, 45
3 0 9	18, 71	1, 14	2, 32	0, 53
10	16, 99	1, 72	1, 72	0, 60
20	14, 76	2, 23	1, 07	0, 65
4 0 10	12, 05	2, 71	— 0, 31 +	0, 76
10	9, 03	3, 02	+ 0, 37 —	0, 68
20	5, 69	3, 34	1, 00	0, 63
5 0 11	— 2, 22 +	3, 47	1, 66	0, 66
10	+ 1, 34 —	3, 56	2, 26	0, 60
20	4, 88	3, 54	2, 83	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″15 +		+ 8,″60 —	
10	4, 28	3,″13	7, 93	0,″67
20	7, 29	3, 01	7, 01	0, 92
1 0 7	10, 05	2, 76	5, 90	1, 11
10	12, 53	2, 48	4, 60	1, 30
20	14, 62	2, 09	3, 16	1, 44
2 0 8	16, 27	1, 65	1, 64	1, 52
10	17, 43	1, 16	+ 0, 05 —	1, 59
20	18, 04	0, 61	— 1, 52 +	1, 57
3 0 9	18, 13	0, 09	3, 07	1, 55
10	17, 65	0, 48	4, 51	1, 44
20	16, 70	0, 95	5, 82	1, 31
4 0 10	15, 12	1, 58	6, 95	1, 13
10	13, 14	1, 98	7, 88	0, 93
20	10, 77	2, 37	8, 55	0, 67
5 0 11	8, 07	2, 70	8, 98	0, 43
10	5, 13	2, 94	9, 12	0, 14
20	2, 02	3, 11	8, 99	0, 13

2 θ Tauri, inter 11^am (γ) & auſtrinum oculum. 5. 78

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	64° 18′ 46″		BRADL. 15° 24′ 53″	
DE LA CAILLE	64 19 46		CAILLE 15 25 1	
TOB. MAYER	64 18 46			
DE ZACH	64 18 49	+ 50,″99	T. MAY. 15 24 59	+ 8,″74

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″24 +		— 3,″27 +	
10	11, 37	3,″13	3, 61	0,″34
20	14, 15	2, 78	3, 85	0, 24
1 0 7	16, 49	2, 34	3, 99	0, 14
10	18, 33	1, 84	3, 99	0, 00
20	19, 62	1, 29	3, 86	0, 13
2 0 8	20, 32	0, 70	3, 65	0, 21
10	20, 38	0, 06	3, 30	0, 35
20	19, 84	0, 54	2, 85	0, 45
3 0 9	18, 68	1, 16	2, 32	0, 53
10	16, 98	1, 70	1, 72	0, 60
20	14, 75	2, 13	1, 07	0, 65
4 0 10	12, 06	2, 69	— 0, 31 +	0, 76
10	9, 02	3, 04	+ 0, 37 —	0, 68
20	5, 69	3, 33	1, 03	0, 66
5 0 11	— 2, 20 +	3, 49	1, 66	0, 63
10	+ 1, 35 —	3, 55	2, 25	0, 59
20	4, 87	3, 52	2, 83	0, 58

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″14 +		+ 8,″60 —	
10	4, 27	3,″13	7, 93	0,″67
20	7, 28	3, 01	7, 01	0, 92
1 0 7	10, 04	2, 76	5, 90	1, 11
10	12, 52	2, 48	4, 60	1, 30
20	14, 60	2, 08	3, 16	1, 44
2 0 8	16, 26	1, 66	1, 64	1, 52
10	17, 42	1, 16	+ 0, 05 —	1, 59
20	18, 03	0, 61	— 1, 52 +	1, 57
3 0 9	18, 12	0, 09	3, 07	1, 55
10	17, 64	0, 48	4, 51	1, 44
20	16, 70	0, 94	5, 82	1, 31
4 0 10	15, 11	1, 59	6, 92	1, 10
10	13, 14	1, 97	7, 88	0, 96
20	10, 77	2, 37	8, 55	0, 67
5 0 11	8, 07	2, 70	8, 98	0, 43
10	5, 14	2, 93	9, 12	0, 14
20	2, 02	3, 12	8, 99	0, 13

ϱ Tauri, media trium infra ſuculas. 5. 86

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	65° 37′ 33″		CAILLE 14° 24′ 48″	
TOB. MAYER	65 37 39	+ 50,″70	T. MAY. 14 24 47	+ 8,″31
DE ZACH	65 37 38			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 7,″83 +		— 3,″58 +	
10	10, 97	3,″14	3, 87	0,″29
20	13, 80	2, 83	4, 05	0, 18
1 0 7	16, 21	2, 41	4, 13	0, 08
10	18, 07	1, 86	4, 05	0, 08
20	19, 45	1, 38	3, 84	0, 21
2 0 8	20, 22	0, 77	3, 56	0, 28
10	20, 34	0, 12	3, 15	0, 41
20	19, 87	0, 47	2, 64	0, 51
3 0 9	18, 80	1, 07	2, 05	0, 59
10	17, 14	1, 66	1, 42	0, 63
20	14, 98	2, 16	— 0, 72 +	0, 70
4 0 10	12, 38	2, 60	+ 0, 01 —	0, 73
10	9, 38	3, 00	0, 72	0, 71
20	6, 09	3, 29	1, 40	0, 68
5 0 11	— 2, 62 +	3, 47	2, 07	0, 67
10	+ 0, 92 —	3, 54	2, 64	0, 57
20	4, 42	3, 50	3, 15	0, 51

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″01 +		+ 8,″69 —	
10	4, 13	3,″12	8, 03	0,″66
20	7, 13	3, 04	7, 15	0, 88
1 0 7	9, 88	2, 75	6, 04	1, 11
10	12, 35	2, 47	4, 76	1, 28
20	14, 45	2, 10	3, 33	1, 43
2 0 8	16, 10	1, 65	1, 80	1, 53
10	17, 28	1, 18	+ 0, 21 —	1, 59
20	17, 91	0, 63	— 1, 37 +	1, 58
3 0 9	18, 01	0, 10	2, 93	1, 56
10	17, 56	0, 45	4, 39	1, 46
20	16, 59	0, 97	5, 72	1, 33
4 0 10	15, 10	1, 49	6, 88	1, 16
10	13, 11	1, 99	7, 83	0, 95
20	10, 80	2, 31	8, 52	0, 69
5 0 11	8, 12	2, 68	8, 99	0, 47
10	5, 22	2, 90	9, 16	0, 17
20	2, 13	3, 09	9, 06	0, 10

α Tauri, ſplendida in auſtrino oculo, (*Palilicium*) ALDEBARAN. 1. 87

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	66° 6′ 50″		BRADL. 16° 5′ 49″	
DE LA CAILLE	66 6 46		CAILLE 16 5 56	
TOB. MAYER	66 6 48		T. MAY. 16 5 50	
MASKELYNE	66 6 49		MASKEL 16 5 45	
		+ 51,″30	L. LAND. 16 5 44	8,″16

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 7,″74 +		— 3,″16 +	
10	10, 93	3,″19	3, 45	0,″29
20	13, 78	2, 85	3, 63	0, 18
		2, 43		0, 10
1 0 7	16, 21		3, 73	
10	18, 12	1, 91	3, 75	0, 02
20	19, 56	1, 44	3, 65	0, 10
		0, 79		0, 19
2 0 8	20, 35		3, 46	
10	20, 54	0, 19	3, 14	0, 32
20	20, 09	0, 45	2, 74	0, 40
		1, 02		0, 49
3 0 9	19, 07		2, 25	
10	17, 47	1, 60	1, 69	0, 56
20	15, 23	2, 24	1, 08	0, 61
		2, 62		0, 65
4 0 10	12, 61		— 0, 43 +	
10	9, 61	3, 00	+ 0, 23 —	0, 66
20	6, 31	3, 30	0, 88	0, 65
		3, 49		0, 61
5 0 11	— 2, 82 +		1, 49	
10	+ 0, 76 —	3, 58	2, 05	0, 56
20	4, 32	3, 56	2, 59	0, 54

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″12 +		+ 8,″72 —	
10	4, 26	3,″14	8, 07	0,″65
20	7, 29	3, 03	7, 20	0, 87
		2, 78		1, 10
1 0 7	10, 07		6, 10	
10	12, 57	2, 50	4, 83	1, 27
20	14, 67	2, 10	3, 51	1, 32
		1, 67		1, 64
2 0 8	16, 34		1, 87	
10	17, 49	1, 15	+ 0, 27 —	1, 60
20	18, 14	0, 65	— 1, 31 +	1, 58
		0, 08		1, 57
3 0 9	18, 22		2, 88	
10	17, 75	0, 47	4, 34	1, 46
20	16, 75	1, 00	5, 68	1, 34
		1, 52		1, 17
4 0 10	15, 23		6, 85	
10	13, 24	1, 99	7, 82	0, 97
20	10, 86	2, 38	8, 52	0, 70
		2, 72		0, 47
5 0 11	8, 14		8, 99	
10	5, 19	2, 95	9, 17	0, 18
20	2, 07	3, 12	9, 08	0, 09

d Tauri, in ſiniſtro cubito. 5. 88

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	66° 10′ 10″	+ 49.″16	CAILLE 9°44′30″	+ 8.″14
DE ZACH	66 10 9			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 7,″55 +		— 5,″00 +	
10	10, 65	3,″10	5, 16	0,″16
20	13, 43	2, 78	5, 18	0, 02
1 0 7	15, 77	2, 34	5, 02	0, 16
10	17, 62	1, 85	4, 72	0, 30
20	19, 07	1, 45	4, 27	0, 45
2 0 8	19, 84	0, 77	3, 69	0, 58
10	20, 03	0, 19	3, 00	0, 69
20	19, 58	0, 45	2, 22	0, 78
3 0 9	18, 59	0, 99	1, 37	0, 85
10	17, 00	1, 59	— 0, 48 +	0, 89
20	14, 88	2, 12	+ 0, 42 —	0, 90
4 0 10	12, 29	2, 59	1, 31	0, 89
10	9, 37	2, 92	2, 17	0, 86
20	6, 15	3, 22	2, 95	0, 78
5 0 11	— 2, 75 +	3, 40	3, 65	0, 70
10	+ 0, 74 —	3, 49	4, 23	0, 58
20	4, 21	3, 47	4, 69	0, 46

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″67 +		+ 8,″72 —	
10	3, 69	3,″02	8, 07	0,″65
20	6, 61	2, 92	7, 20	0, 87
1 0 7	9, 30	2, 69	6, 10	1, 10
10	11, 73	2, 43	4, 83	1, 27
20	13, 80	2, 07	3, 51	1, 32
2 0 8	15, 46	1, 66	1, 87	1, 64
10	16, 63	1, 17	+ 0, 27 —	1, 60
20	17, 31	0, 68	— 1, 31 +	1, 58
3 0 9	17, 46	0, 15	2, 88	1, 57
10	17, 08	0, 38	4, 34	1, 46
20	16, 19	0, 89	5, 68	1, 34
4 0 10	14, 80	1, 39	6, 85	1, 17
10	12, 95	1, 85	7, 82	0, 97
20	10, 72	2, 23	8, 52	0, 70
5 0 11	8, 15	2, 57	8, 99	0, 47
10	5, 36	2, 79	9, 17	0, 18
20	2, 38	2, 98	9, 08	0, 09

τ Tauri, in eductione cornu borei. 5. 94

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	67° 33′ 52″	+ 53,″70	BRADL. 22°33′37″	+ 7,″70
DE LA CAILLE	67 33 47		CAILLE 22 33 34	
TOB. MAYER	67 33 50		T. MAY. 22 33 41	
DE ZACH	67 33 49			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 7,″59 +		— 0,″89 +	
10	10, 94	3,″35	1, 36	0,″47
20	13, 97	3, 03	1, 81	0, 45
1 0 7	16, 58	2, 61	2, 20	0, 39
10	18, 66	2, 08	2, 53	0, 33
20	20, 21	1, 55	2, 77	0, 24
2 0 8	21, 13	0, 92	2, 92	0, 15
10	21, 41	0, 28	3, 05	0, 13
20	21, 08	0, 33	3, 03	0, 02
3 0 9	20, 03	1, 05	2, 92	0, 11
10	18, 45	1, 58	2, 73	0, 19
20	16, 22	2, 23	2, 38	0, 35
4 0 10	13, 57	2, 65	2, 15	0, 23
10	10, 47	3, 10	1, 70	0, 45
20	7, 07	3, 40	1, 23	0, 47
5 0 11	— 3, 45 +	3, 62	0, 73	0, 50
10	+ 0, 27 —	3, 72	— 0, 19 +	0, 54
20	3, 99	3, 72	+ 0, 35 —	0, 54

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″51 +		+ 8,″83 —	
10	4, 80	3,″29	8, 21	0,″62
20	7, 96	3, 16	7, 35	0, 86
1 0 7	10, 84	2, 88	6, 28	1, 07
10	13, 42	2, 58	5, 01	1, 27
20	15, 58	2, 16	3, 58	1, 43
2 0 8	17, 27	1, 69	2, 06	1, 52
10	18, 45	1, 18	+ 0, 48 —	1, 58
20	19, 04	0, 59	— 1, 13 +	1, 61
3 0 9	19, 08	0, 04	2, 70	1, 57
10	18, 56	0, 52	4, 20	1, 50
20	17, 42	1, 14	5, 55	1, 35
4 0 10	15, 77	1, 65	6, 75	1, 20
10	13, 64	2, 13	7, 75	1, 00
20	11, 10	2, 54	8, 49	0, 74
5 0 11	8, 23	2, 87	8, 98	0, 49
10	5, 12	3, 11	9, 21	0, 23
20	1, 83	3, 29	9, 14	0, 07

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	69° 55′ 11″		CAILLE 18°29′20″	
TOB. MAYER	69 55 12			
DE ZACH	69 55 16	+ 52,″30	T. MAY. 18 29 15	+ 6,″94

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 6,″64 +		— 2,″12 +	
10	9, 97	3,″33	2, 46	0,″34
20	13, 01	3, 04	2, 70	0, 24
1 0 7	15, 67	2, 66	2, 90	0, 20
10	17, 84	2, 17	3, 00	0, 10
20	19, 47	1, 63	2, 98	0, 02
2 0 8	20, 49	1, 02	2, 95	0, 03
10	20, 93	0, 44	2, 78	0, 17
20	20, 67	0, 26	2, 50	0, 28
3 0 9	19, 80	0, 87	2, 18	0, 32
10	18, 34	1, 46	1, 79	0, 39
20	16, 33	2, 01	1, 32	0, 47
4 0 10	13, 84	2, 49	0, 82	0, 50
10	10, 91	2, 93	— 0, 32 +	0, 50
20	7, 63	3, 28	+ 0, 20 —	0, 52
5 0 11	4, 14	3, 49	0, 73	0, 53
10	— 0, 54 +	3, 60	1, 22	0, 49
20	+ 3, 13 —	3, 67	1, 70	0, 48

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″10 +		+ 8,″96 —	
10	4, 31	3,″21	8, 41	0,″55
20	7, 39	3, 08	7, 58	0, 83
1 0 7	10, 23	2, 84	6, 54	1, 04
10	12, 79	2, 56	5, 30	1, 24
20	14, 93	2, 14	3, 88	1, 42
2 0 8	16, 64	1, 71	2, 36	1, 52
10	17, 81	1, 17	+ 0, 77 —	1, 59
20	18, 48	0, 67	— 0, 85 +	1, 62
3 0 9	18, 58	0, 10	2, 43	1, 58
10	18, 11	0, 47	3, 96	1, 53
20	17, 09	1, 02	5, 36	1, 40
4 0 10	15, 54	1, 55	6, 59	1, 23
10	13, 55	1, 99	7, 64	1, 05
20	11, 10	2, 45	8, 44	0, 80
5 0 11	8, 34	2, 76	8, 97	0, 53
10	5, 33	3, 01	9, 25	0, 28
20	2, 15	3, 18	9, 24	0, 01

'auri, trium ſupra auſtrale cornu præcedens. 4. 102

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
ADLEY	72° 48′ 22″		BRADL. 21° 17′ 30″	
. LA CAILLE	72 47 4		CAILLE 21 17 40	
DE. MAYER	72 46 14		T. MAY. 21 17 30	
E LAMBRE	72 47 18	+	L.LAND. 21 17 38	+
DE ZACH	72 47 14	53,″47		5,″99

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 5,″83 +		— 1,″04 —	
10	9, 29	3,″46	1, 41	0,″37
20	12, 50	3, 21	1, 74	0, 33
1 0 7	15, 30	2, 80	1, 99	0, 25
10	17, 64	2, 34	2, 21	0, 22
20	19, 46	1, 82	2, 34	0, 13
2 0 8	20, 66	1, 20	2, 40	0, 06
10	21, 27	0, 61	2, 40	0, 00
20	21, 22	0, 05	2, 31	0, 09
3 0 9	20, 51	0, 71	2, 15	0, 16
10	19, 19	1, 32	1, 93	0, 22
20	17, 28	1, 91	1, 64	0, 29
4 0 10	14, 85	2, 43	1, 32	0, 32
10	11, 97	2, 88	0, 95	0, 37
20	8, 73	3, 24	0, 55	0, 40
5 0 11	5, 21	3, 52	— 0, 14 +	0, 41
10	— 1, 55 +	3, 66	+ 0, 28 —	0, 42
20	+ 2, 18 —	3, 73	0, 64	0, 36

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″10 +		+ 9,″11 —	
10	4, 38	3,″28	8, 60	0,″51
20	7, 54	3, 16	7, 84	0, 76
1 0 7	10, 44	2, 90	6, 84	1, 00
10	13, 05	2, 61	5, 64	1, 20
20	15, 26	2, 21	4, 24	1, 40
2 0 8	17, 00	1, 74	2, 73	1, 51
10	18, 23	1, 23	+ 1, 14 —	1, 59
20	18, 89	0, 66	— 0, 48 +	1, 62
3 0 9	18, 95	0, 06	2, 10	1, 62
10	18, 52	0, 43	3, 66	1, 56
20	17, 48	1, 04	5, 10	1, 44
4 0 10	15, 91	1, 57	6, 38	1, 28
10	13, 84	2, 07	7, 47	1, 09
20	11, 37	2, 47	8, 33	0, 86
5 0 11	8, 54	2, 83	8, 93	0, 60
10	5, 47	3, 07	9, 29	0, 36
20	2, 22	3, 25	9, 34	0, 05

m Tauri, duarum in cornu auſtrino, auſtralis. 6. 104

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	73° 54′ 7″	+ 52,″40	BRADL. 18° 21′ 45″	+ 5,″61
DE LA CAILLE	73 54 0		CAILLE 18 21 52	
TOB. MAYER	73 54 6		T. MAY. 18 21 48	
DE ZACH	73 54 30			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 5,″37 +		— 2,″01 +	
10	8, 79	3,″42	2, 30	0,″29
20	11, 97	3, 18	2, 50	0, 20
1 0 7	14, 76	2, 79	2, 61	0, 11
10	17, 14	2, 38	2, 67	0, 06
20	18, 98	1, 84	2, 63	0, 04
2 0 8	20, 22	1, 24	2, 53	0, 10
10	20, 86	0, 64	2, 33	0, 20
20	20, 88	0, 02	2, 06	0, 27
3 0 9	20, 23	0, 65	1, 75	0, 31
10	19, 00	1, 23	1, 38	0, 37
20	17, 18	1, 82	0, 95	0, 43
4 0 10	14, 88	2, 30	0, 50	0, 45
10	12, 07	2, 81	— 0, 05 +	0, 45
20	8, 90	3, 17	+ 0, 42 —	0, 45
5 0 11	5, 47	3, 43	0, 87	0, 45
10	— 1, 89 +	3, 58	1, 31	0, 44
20	+ 1, 77 —	3, 66	1, 68	0, 37

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″88 +		+ 9,″16 —	
10	4, 13	3,″25	8, 68	0,″48
20	7, 19	3, 06	7, 93	0, 75
1 0 7	10, 06	2, 87	6, 95	0, 98
10	12, 63	2, 57	5, 76	1, 19
20	14, 82	2, 19	4, 39	1, 37
2 0 8	16, 56	1, 74	2, 86	1, 53
10	17, 76	1, 20	+ 1, 29 —	1, 57
20	18, 48	0, 72	— 0, 35 +	1, 64
3 0 9	18, 61	0, 13	1, 96	1, 61
10	18, 18	0, 43	3, 53	1, 57
20	17, 19	0, 99	4, 99	1, 46
4 0 10	15, 68	1, 51	6, 29	1, 30
10	13, 69	1, 99	7, 39	1, 10
20	11, 29	2, 40	8, 28	0, 89
5 0 11	8, 54	2, 75	8, 91	0, 63
10	5, 53	3, 01	9, 29	0, 38
20	2, 37	3, 16	9, 37	0, 08

105 Tauri. 6. 105

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	73° 59′ 41″	+ 53,″57	BRADL. 21°25′23″	+ 5,″58
DE LA CAILLE	73 59 31		CAILLE 21 25 37	
DE ZACH	73 59 38			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 5,″43 +		— 0,″98 +	
10	8, 93	3,″50	1, 32	0,″34
20	12, 17	3, 24	1, 61	0, 29
1 0 7	15, 03	2, 86	1, 87	0, 26
10	17, 43	2, 40	2, 05	0, 18
20	19, 22	1, 79	2, 18	0, 13
2 0 8	20, 59	1, 37	2, 23	0, 05
10	21, 27	0, 68	2, 23	0, 00
20	21, 29	0, 02	2, 15	0, 08
3 0 9	20, 66	0, 63	2, 01	0, 14
10	19, 39	1, 27	1, 82	0, 19
20	17, 54	1, 85	1, 60	0, 22
4 0 10	15, 18	2, 36	1, 26	0, 34
10	12, 32	2, 86	0, 90	0, 36
20	9, 11	3, 21	0, 54	0, 36
5 0 11	5, 63	3, 48	— 0, 16 +	0, 38
10	— 1, 97 +	3, 66	+ 0, 24 —	0, 40
20	+ 1, 75 —	3, 72	0, 63	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″03 +		+ 9,″16 —	
10	4, 32	3,″29	8, 68	0,″48
20	7, 48	3, 16	7, 94	0, 74
1 0 7	10, 40	2, 92	6, 96	0, 98
10	13, 02	2, 62	5, 77	1, 19
20	15, 24	2, 22	4, 40	1, 37
2 0 8	17, 00	1, 76	2, 87	1, 53
10	18, 24	1, 24	+ 1, 30 —	1, 57
20	18, 91	0, 67	— 0, 33 +	1, 63
3 0 9	19, 03	0, 12	1, 95	1, 62
10	18, 56	0, 47	3, 52	1, 57
20	17, 54	1, 02	4, 98	1, 46
4 0 10	15, 97	1, 57	6, 28	1, 30
10	13, 87	2, 10	7, 39	1, 11
20	11, 45	2, 42	8, 28	0, 89
5 0 11	8, 61	2, 84	8, 91	0, 63
10	5, 55	3, 06	9, 29	0, 38
20	2, 20	3, 35	9, 37	0, 08

n Tauri. 6. 109

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	76° 38′ 55″	+ 53,″84	CAILLE 21°52′33″	+ 4,″61
TOB. MAYER	76 48 59		T. MAY. 21 52 40	
DE ZACH	76 49 4			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 4,″49 +		— 0,″76 +	
10	8, 05	3,″56	1, 04	0,″28
20	11, 38	3, 33	1, 30	0, 26
		2, 99		0, 20
1 0 7	14, 37		1, 50	
10	16, 94	2, 57	1, 68	0, 18
20	19, 01	2, 07	1, 84	0, 16
		1, 48		0, 12
2 0 8	20, 49		1, 96	
10	21, 25	0, 76	1, 85	0, 11
20	21, 46	0, 21	1, 79	0, 06
		0, 48		0, 09
3 0 9	20, 98		1, 70	
10	19, 87	1, 11	1, 56	0, 14
20	18, 16	1, 71	1, 35	0, 21
		2, 24		0, 25
4 0 10	15, 92		1, 10	
10	13, 16	2, 76	0, 83	0, 27
20	10, 02	3, 14	0, 52	0, 31
		3, 46		0, 32
5 0 11	6, 56		— 0, 20 +	
10	— 2, 92 +	3, 64	+ 0, 12 —	0, 32
20	+ 0, 81 —	3, 73	0, 44	0, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″87 +		+ 9,″27 —	
10	4, 19	3,″32	8, 86	0,″41
20	7, 37	3, 18	8, 15	0, 71
		2, 95		0, 92
1 0 7	10, 32		7, 23	
10	12, 96	2, 64	6, 08	1, 15
20	15, 21	2, 25	4, 72	1, 36
		1, 79		1, 49
2 0 8	17, 00		3, 23	
10	18, 28	1, 28	1, 64	1, 59
20	18, 98	0, 70	+ 0, 02 —	1, 62
		0, 15		1, 63
3 0 9	19, 13		— 1, 61 +	
10	18, 69	0, 44	3, 20	1, 59
20	17, 68	1, 01	4, 71	1, 51
		1, 52		1, 35
4 0 10	16, 16		6, 06	
10	14, 08	2, 08	7, 21	1, 15
20	11, 62	2, 46	8, 17	0, 96
		2, 82		0, 68
5 0 11	8, 80		8, 85	
10	5, 72	3, 08	9, 28	0, 43
20	2, 46	3, 26	9, 44	0, 16

β Tauri, in extremitate cornu borei. 2. 112

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	78° 24′ 52″	+	BRADL. 28° 25′ 35″	+
DE LA CAILLE	78 24 37	56,″64	CAILLE 28 25 36	4,″08
TOB. MAYER	78 24 49		T. MAY. 28 25 35	
MASKELYNE	78 24 51		MASKEL 28 25 30	
			L. I. AND. 28 25 36	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 4,″20 +		+ 1,″48 —	
10	7, 99	3,″79	1, 19	0,″29
20	11, 55	3, 56	0, 79	0, 40
1 0 7	14, 76	3, 21	+ 0, 39 —	0, 40
10	17, 58	2, 82	— 0, 05 +	0, 44
20	19, 76	2, 18	0, 47	0, 42
2 0 8	21, 38	1, 62	0, 87	0, 40
10	22, 37	0, 99	1, 26	0, 39
20	22, 65	0, 28	1, 62	0, 36
3 0 9	22, 29	0, 36	1, 92	0, 30
10	21, 27	1, 02	2, 19	0, 27
20	19, 50	1, 77	2, 43	0, 24
4 0 10	17, 21	2, 29	2, 44	0, 01
10	14, 36	2, 85	2, 46	0, 02
20	11, 11	3, 25	2, 41	0, 05
5 0 11	7, 52	3, 59	2, 28	0, 13
10	— 3, 70 +	3, 82	2, 09	0, 19
20	+ 0, 26 —	3, 96	1, 85	0, 24

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″82 +		+ 9,″33 —	
10	4, 52	3,″70	8, 95	0,″38
20	7, 86	3, 34	8, 28	0, 67
1 0 7	10, 95	3, 09	7, 37	0, 91
10	13, 73	2, 78	6, 24	1, 13
20	16, 07	2, 34	4, 92	1, 32
2 0 8	17, 94	1, 87	3, 42	1, 50
10	19, 26	1, 32	1, 84	1, 58
20	19, 99	0, 73	+ 0, 21 —	1, 63
3 0 9	20, 11	0, 12	— 1, 42 +	1, 63
10	19, 63	0, 48	3, 03	1, 61
20	18, 55	1, 08	4, 54	1, 51
4 0 10	16, 89	1, 66	5, 92	1, 38
10	14, 74	2, 15	7, 09	1, 17
20	12, 14	2, 60	8, 09	1, 00
5 0 11	9, 15	2, 99	8, 81	0, 72
10	5, 91	3, 24	9, 26	0, 45
20	2, 47	3, 44	9, 46	0, 20

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	78° 54′ 29″		BRADL. 21°45′ 7″	
DE LA CAILLE	78 54 20		CAILLE 21 46 9	
TOB. MAYER	78 54 24		T. MAY. 21 45 10	
DE ZACH	78 54 26	+ 53,″87		+ 3,″91

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 3,″83 +		— 0,″74 +	
10	7, 42	3,″59	0, 97	0,″23
20	10, 81	3, 39	1, 18	0, 21
1 0 7	13, 86	3, 05	1, 34	0, 16
10	16, 52	2, 66	1, 46	0, 12
20	18, 69	2, 17	1, 55	0, 09
2 0 8	20, 22	1, 53	1, 62	0, 07
10	21, 17	0, 95	1, 59	0, 03
20	21, 47	0, 30	1, 52	0, 07
3 0 9	21, 13	0, 34	1, 42	0, 10
10	20, 15	0, 98	1, 27	0, 15
20	18, 54	1, 61	1, 08	0, 19
4 0 10	16, 41	2, 13	0, 86	0, 22
10	13, 64	2, 77	0, 61	0, 25
20	10, 67	2, 97	0, 36	0, 25
5 0 11	7, 27	3, 40	— 0, 08 +	0, 28
10	— 3, 65 +	3, 62	+ 0, 20 —	0, 28
20	+ 0, 09 —	3, 74	0, 48	0, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″73 +		+ 9,″34 —	
10	4, 04	3,″31	8, 99	0,″35
20	7, 24	3, 20	8, 32	0, 67
1 0 7	10, 19	2, 95	7, 42	0, 90
10	12, 86	2, 67	6, 29	1, 13
20	15, 12	2, 26	4, 97	1, 32
2 0 8	16, 94	1, 82	3, 47	1, 50
10	18, 23	1, 29	1, 91	1, 56
20	18, 97	0, 74	+ 0, 28 —	1, 63
3 0 9	19, 12	0, 15	— 1, 37 +	1, 65
10	18, 78	0, 34	2, 97	1, 60
20	17, 73	1, 05	4, 49	1, 52
4 0 10	16, 19	1, 54	5, 87	1, 38
10	14, 18	2, 01	7, 06	1, 19
20	11, 74	2, 44	8, 06	1, 00
5 0 11	8, 93	2, 81	8, 80	0, 74
10	5, 86	3, 07	9, 26	0, 46
20	2, 60	3, 26	9, 46	0, 20

♉ Tauri, in extremitate auſtrini cornu. 3. 123

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	81° 25′ 28″		BRADL. 21° 0′ 27″	
DE LA CAILLE	81 25 21		CAILLE 21 0 31	
TOB. MAYER	81 25 25		T. MAY. 21 0 28	
DE LAMBRE	81 25 25	+	L.LAND. 21 0 35	+
DE ZACH	81 25 26	53,″62	CASSINI 21 0 42	3,″05

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 2,″94 +		— 0,″94 +	
10	6, 57	3,″63	1, 11	0,″17
20	9, 99	3, 42	1, 25	0, 14
1 0 7	13, 13	3, 14	1, 35	0, 10
10	15, 87	2, 74	1, 41	0, 06
20	18, 10	2, 23	1, 43	0, 02
2 0 8	19, 80	1, 70	1, 40	0, 03
10	20, 90	1, 10	1, 33	0, 07
20	21, 37	0, 47	1, 22	0, 11
3 0 9	21, 19	0, 18	1, 07	0, 15
10	20, 35	0, 84	0, 90	0, 17
20	18, 91	1, 44	0, 69	0, 21
4 0 10	16, 87	2, 04	0, 45	0, 24
10	14, 34	2, 53	— 0, 21 +	0, 24
20	11, 36	2, 98	+ 0, 03 —	0, 24
5 0 11	7, 89	3, 47	0, 27	0, 24
10	4, 49	3, 40	0, 51	0, 24
20	0, 79	3, 70	0, 74	0, 23

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″55 +		+ 9,″42 —	
10	3, 84	3,″29	9, 11	0,″31
20	7, 04	3, 20	8, 50	0, 61
1 0 7	9, 99	2, 95	7, 63	0, 87
10	12, 66	2, 67	6, 56	1, 07
20	14, 94	2, 28	5, 25	1, 31
2 0 8	16, 77	1, 83	3, 80	1, 45
10	18, 09	1, 32	2, 22	1, 58
20	18, 85	0, 76	+ 0, 60 —	1, 62
3 0 9	19, 04	0, 19	— 1, 06 +	1, 66
10	18, 66	0, 38	2, 67	1, 61
20	17, 72	0, 94	4, 22	1, 55
4 0 10	16, 22	1, 50	5, 64	1, 42
10	14, 23	1, 99	6, 86	1, 22
20	11, 82	2, 41	7, 89	1, 03
5 0 11	9, 04	2, 78	8, 70	0, 81
10	6, 00	3, 04	9, 21	0, 51
20	2, 77	3, 23	9, 48	0, 27

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	81° 50′ 7″	+	BRADL. 25°46′14″	+
DE LA CAILLE	81 50 7	55,″59	CAILLE 25 46 10	2,″91
TOB. MAYER	81 50 14		T. MAY. 25 46 18	
DE ZACH	81 50 13			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 2,″92 +		+ 0,″74 —	
10	6, 68	3,″76	0, 49	0,″25
20	10, 25	3, 57	0, 24	0, 25
1 0 7	13, 51	3, 26	+ 0, 00 —	0, 24
10	16, 36	2, 85	— 0, 24 +	0, 24
20	18, 70	2, 34	0, 48	0, 24
2 0 8	20, 49	1, 79	0, 72	0, 24
10	21, 64	1, 15	0, 93	0, 21
20	22, 15	0, 51	1, 10	0, 17
3 0 9	21, 99	0, 16	1, 24	0, 14
10	21, 12	0, 87	1, 36	0, 12
20	19, 68	1, 44	1, 41	0, 05
4 0 10	17, 57	2, 11	1, 44	0, 03
10	14, 97	2, 60	1, 40	0, 04
20	11, 89	3, 08	1, 36	0, 04
5 0 11	8, 51	3, 38	1, 25	0, 11
10	4, 81	3, 70	1, 09	0, 16
20	0, 94	3, 87	0, 92	0, 17

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″65 +		+ 9,″43 —	
10	4, 07	3,″42	9, 11	0,″32
20	7, 38	3, 31	8, 53	0, 58
1 0 7	10, 43	3, 05	7, 67	0, 86
10	13, 19	2, 76	6, 60	1, 07
20	15, 54	2, 35	5, 29	1, 31
2 0 8	17, 43	1, 89	3, 85	1, 44
10	18, 78	1, 35	2, 26	1, 59
20	19, 56	0, 78	+ 0, 65 —	1, 61
3 0 9	19, 74	0, 18	— 1, 01 +	1, 66
10	19, 33	0, 41	2, 64	1, 63
20	18, 33	1, 00	4, 18	1, 54
4 0 10	16, 77	1, 56	5, 60	1, 42
10	14, 70	2, 07	6, 83	1, 23
20	12, 19	2, 51	7, 87	1, 04
5 0 11	9, 30	2, 89	8, 69	0, 82
10	6, 14	3, 16	9, 21	0, 52
20	2, 78	3, 36	9, 48	0, 27

130 Tauri. 6. 130

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	83° 56′ 37″	+ 52,″35	T. MAY. 17°38′29″	+ 2,″16
DE ZACH	83 56 39			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 2,″06 +		— 2,″07 +	
10	5, 66	3,″60	2, 16	0,″09
20	9, 06	3, 40	2, 16	0, 00
1 0 7	12, 20	3, 14	2, 10	0, 06
10	14, 98	2, 78	1, 99	0, 11
20	17, 32	2, 34	1, 83	0, 16
2 0 8	19, 12	1, 80	1, 60	0, 23
10	20, 33	1, 21	1, 32	0, 28
20	20, 93	0, 60	0, 97	0, 35
3 0 9	20, 87	0, 06	0, 61	0, 36
10	20, 17	0, 70	— 0, 25 +	0, 36
20	18, 91	1, 26	+ 0, 13 —	0, 38
4 0 10	17, 03	1, 88	0, 49	0, 36
10	14, 68	2, 35	0, 84	0, 35
20	11, 86	2, 82	1, 17	0, 33
5 0 11	8, 67	3, 19	1, 47	0, 30
10	5, 20	3, 47	1, 72	0, 25
20	1, 61	3, 59	1, 93	0, 21

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″32 +		+ 9,″47 —	
10	3, 56	3,″24	9, 20	0,″27
20	6, 67	3, 11	8, 66	0, 54
1 0 7	9, 57	2, 90	7, 84	0, 82
10	12, 20	2, 63	6, 78	1, 06
20	14, 45	2, 25	5, 51	1, 27
2 0 8	16, 27	1, 82	4, 10	1, 41
10	17, 59	1, 32	2, 52	1, 58
20	18, 37	0, 78	+ 0, 91 —	1, 61
3 0 9	18, 60	0, 23	— 0, 75 +	1, 66
10	18, 25	0, 35	2, 39	1, 64
20	17, 37	0, 88	3, 96	1, 57
4 0 10	15, 94	1, 43	5, 40	1, 44
10	14, 03	1, 91	6, 67	1, 27
20	11, 71	2, 32	7, 72	1, 05
5 0 11	9, 01	2, 70	8, 59	0, 87
10	6, 06	2, 95	9, 17	0, 58
20	2, 91	3, 15	9, 47	0, 30

132 Tauri, de quinque infra cornu boreum 3. 4. 132

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	84° 11′ 38″	+ 55,″10	BRADL. 24°29′ 9″	+ 2,″08
DE LA CAILLE	84 11 6		CAILLE 24 29 25	
TOB. MAYER	84 11 11		T. MAY. 24 29 10	
DE ZACH	84 11 13			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 2,″01 +		+ 0,″31 —	
10	5, 80	3,″79	0, 16	0,″15
20	9, 38	3, 58	+ 0, 01 —	0, 15
1 0 7	12, 70	3, 32	— 0, 14 +	0, 15
10	15, 61	2, 91	0, 29	0, 15
20	18, 03	2, 42	0, 44	0, 15
2 0 8	19, 93	1, 90	0, 58	0, 15
10	21, 24	1, 31	0, 70	0, 12
20	21, 90	0, 66	0, 77	0, 07
3 0 9	21, 87	0, 03	0, 83	0, 06
10	21, 19	0, 68	0, 88	0, 05
20	19, 88	1, 31	0, 88	0, 00
4 0 10	17, 93	1, 95	0, 88	0, 00
10	15, 43	2, 50	0, 85	0, 03
20	12, 49	2, 94	0, 77	0, 08
5 0 11	9, 17	3, 32	0, 70	0, 07
10	5, 59	3, 58	0, 58	0, 12
20	1, 81	3, 78	0, 46	0, 12

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″50 +		+ 9,″48 —	
10	3, 82	3,″32	9, 21	0,″27
20	7, 11	3, 29	8, 67	0, 54
1 0 7	10, 16	3, 05	7, 87	0, 80
10	12, 89	2, 73	6, 81	1, 06
20	15, 27	2, 38	5, 55	1, 26
2 0 8	17, 16	1, 89	4, 13	1, 42
10	18, 54	1, 38	2, 56	1, 57
20	19, 35	0, 81	+ 0, 96 —	1, 60
3 0 9	19, 57	0, 22	— 0, 71 +	1, 67
10	19, 19	0, 38	2, 34	1, 63
20	18, 24	0, 95	3, 91	1, 57
4 0 10	16, 72	1, 52	5, 36	1, 45
10	14, 70	2, 02	6, 64	1, 28
20	12, 24	2, 46	7, 70	1, 06
5 0 11	9, 40	2, 84	8, 57	0, 87
10	6, 28	3, 12	9, 16	0, 59
20	2, 96	3, 32	9, 47	0, 31

136 Tauri, reliquar. duar. borealior, i. e. quarta. 5. 136

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	85° 11′ 23″	+ 56,″43	BRADL. 27°33′ 2″	+ 1,″74
DE LA CAILLE	85 11 13		CAILLE 27 32 59	
DE ZACH	85 11 23			

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 1,″71 +		+ 1,″38 —	
10	5, 61	3,″90	1, 23	0,″15
20	9, 32	3, 71	1, 04	0, 19
1 0 7	12, 79	3, 47	0, 82	0, 22
10	15, 79	3, 00	0, 57	0, 25
20	18, 32	2, 53	0, 29	0, 28
2 0 8	20, 30	1, 98	+ 0, 01 —	0, 28
10	21, 71	1, 41	— 0, 27 +	0, 28
20	22, 43	0, 72	0, 53	0, 26
3 0 9	22, 47	0, 04	0, 79	0, 26
10	21, 84	0, 63	1, 03	0, 24
20	20, 56	1, 28	1, 23	0, 20
4 0 10	18, 72	1, 84	1, 36	0, 13
10	16, 10	2, 62	1, 48	0, 12
20	13, 11	2, 99	1, 56	0, 08
5 0 11	9, 75	3, 36	1, 54	0, 02
10	6, 06	3, 69	1, 58	0, 04
20	2, 22	3, 84	1, 50	0, 08

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″42 +		+ 9,″50 —	
10	3, 89	3,″47	9, 24	0,″26
20	7, 25	3, 36	8, 73	0, 51
1 0 7	10, 37	3, 12	7, 93	0, 80
10	13, 20	2, 83	6, 90	1, 03
20	15, 61	2, 41	5, 65	1, 25
2 0 8	17, 56	1, 95	4, 24	1, 41
10	18, 98	1, 42	2, 70	1, 54
20	19, 81	0, 83	+ 1, 07 —	1, 63
3 0 9	20, 04	0, 23	— 0, 58 +	1, 65
10	19, 64	0, 40	2, 23	1, 65
20	18, 70	0, 94	3, 81	1, 58
4 0 10	17, 14	1, 56	5, 27	1, 46
10	15, 08	2, 06	6, 60	1, 33
20	12, 56	2, 52	7, 65	1, 05
5 0 11	9, 66	2, 90	8, 52	0, 87
10	6, 47	3, 19	9, 13	0, 61
20	3, 07	3, 40	9, 47	0, 34

137 Tauri. 5. 137

FLAMSTEED	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE ZACH	85° 13′ 31″	+ 51,″03	FLAMST. 14°6′19″	+ 1,″74
85 13 20				

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 1,″57 +		— 3,″29 +	
10	5, 12	3,″55	3, 30	0,″01
20	8, 52	3, 40	3, 22	0, 08
1 0 7	11, 69	3, 17	3, 05	0, 17
10	14, 44	2, 75	2, 77	0, 28
20	16, 78	2, 34	2, 41	0, 36
2 0 8	18, 56	1, 78	2, 00	0, 41
10	19, 85	1, 29	1, 51	0, 49
20	20, 51	0, 66	0, 97	0, 54
3 0 9	20, 54	0, 03	— 0, 41 +	0, 56
10	19, 96	0, 58	+ 0, 17 —	0, 58
20	18, 80	1, 16	0, 74	0, 57
4 0 10	17, 12	1, 68	1, 29	0, 55
10	14, 71	2, 41	1, 79	0, 50
20	11, 98	2, 73	2, 25	0, 46
5 0 11	8, 91	3, 07	2, 65	0, 40
10	5, 54	3, 37	2, 94	0, 29
20	2, 03	3, 51	3, 16	0, 22

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″20 +		+ 9,″50 —	
10	3, 34	3,″14	9, 23	0,″27
20	6, 40	3, 06	8, 73	0, 50
1 0 7	9, 23	2, 83	7, 94	0, 79
10	11, 81	2, 58	6, 91	1, 03
20	14, 01	2, 20	5, 65	1, 26
2 0 8	15, 80	1, 79	4, 24	1, 41
10	17, 11	1, 31	2, 71	1, 53
20	17, 89	0, 78	+ 1, 07 —	1, 64
3 0 9	18, 13	0, 24	— 0, 57 +	1, 64
10	17, 82	0, 31	2, 23	1, 66
20	16, 97	0, 85	3, 81	1, 58
4 0 10	15, 60	1, 37	5, 26	1, 45
10	13, 75	1, 85	6, 60	1, 34
20	11, 50	2, 25	7, 66	1, 06
5 0 11	8, 88	2, 62	8, 52	0, 86
10	6, 02	2, 86	9, 12	0, 60
20	2, 95	3, 07	9, 48	0, 36

139 Tauri, reliquarum duarum auſtralior. 6. 139

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	86° 23′ 37″		CAILLE 25°54′52″	
TOB. MAYER	86 23 45		T. MAY. 25 54 53	
DE ZACH	86 23 43	+ 55.″74		+ 1,″32

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 1,″27 +		+ 0,″81 —	
10	5, 11	3,″84	0, 71	0,″10
20	8, 74	3, 63	0, 58	0, 13
		3, 47		0, 14
1 0 7	12, 21		0, 44	
10	15, 24	3, 03	0, 29	0, 15
20	17, 82	2, 58	+ 0, 13 —	0, 16
		2, 03		0, 18
2 0 8	19, 85		— 0, 05 +	
10	21, 28	1, 43	0, 23	0, 18
20	22, 08	0, 80	0, 39	0, 16
		0, 10		0, 16
3 0 9	22, 18		0, 55	
10	21, 56	0, 62	0, 70	0, 15
20	20, 30	1, 26	0, 82	0, 12
		1, 72		0, 08
4 0 10	18, 58		0, 90	
10	16, 18	2, 40	0, 97	0, 07
20	13, 28	2, 90	0, 99	0, 02
		3, 30		0, 01
5 0 11	9, 98		1, 00	
10	6, 38	3, 60	0, 97	0, 03
20	2, 60	3, 78	0, 90	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″29 +		+ 9,″51 —	
10	3, 71	3,″42	9, 28	0,″23
20	7, 04	3, 33	8, 79	0, 49
		3, 10		0, 77
1 0 7	10, 14		8, 02	
10	12, 94	2, 80	7, 01	1, 01
20	15, 34	2, 40	5, 78	1, 23
		1, 94		1, 41
2 0 8	17, 28		4, 37	
10	18, 69	1, 41	2, 83	1, 54
20	19, 54	0, 85	+ 1, 20 —	1, 63
		0, 25		1, 64
3 0 9	19, 79		— 0, 44 +	
10	19, 44	0, 35	2, 08	1, 64
20	18, 50	0, 94	3, 68	1, 60
		1, 51		1, 46
4 0 10	16, 99		5, 14	
10	14, 97	2, 02	6, 47	1, 33
20	12, 51	2, 46	7, 58	1, 11
		2, 86		0, 88
5 0 11	9, 65		8, 46	
10	6, 50	3, 15	9, 09	0, 63
20	3, 15	3, 35	9, 44	0, 35

Quæ præcedit ad ſummum pedem Propus. H. 5. 1

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	87° 59′ 26″	+ 54,″63	BRADL. 23°15′41″	+ 0,″75
DE LA CAILLE	87 59 19		CAILLE 23 15 43	
TOB. MAYER	87 59 29		T. MAY. 23 15 44	
DE ZACH	87 59 26		BARRY 23 15 41	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 0,″70 +		— 0,″10 +	
10	4, 46	3,″76	0, 15	0,″05
20	8, 10	3, 64	0, 19	0, 04
1 0 7	11, 48	3, 38	0, 22	0, 03
10	14, 52	3, 04	0, 25	0, 03
20	17, 11	2, 59	0, 27	0, 02
2 0 8	19, 19	2, 08	0, 28	0, 01
10	20, 67	1, 48	0, 29	0, 01
20	21, 56	0, 89	0, 28	0, 01
3 0 9	21, 75	0, 19	0, 28	0, 00
10	21, 30	0, 45	0, 26	0, 02
20	20, 21	1, 09	0, 23	0, 03
4 0 10	18, 49	1, 72	0, 20	0, 03
10	16, 21	2, 28	0, 16	0, 04
20	13, 44	2, 77	0, 12	0, 04
5 0 11	10, 28	3, 16	0, 07	0, 05
10	6, 78	3, 50	— 0, 01 +	0, 06
20	3, 09	3, 69	+ 0, 05 —	0, 06

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″15 +		+ 9,″53 —	
10	3, 51	3,″36	9, 33	0,″20
20	6, 78	3, 27	8, 88	0, 45
1 0 7	9, 84	3, 06	8, 13	0, 75
10	12, 58	2, 74	7, 13	1, 00
20	14, 95	2, 37	5, 93	1, 20
2 0 8	16, 87	1, 92	4, 55	1, 38
10	18, 28	1, 41	3, 02	1, 53
20	19, 13	0, 85	+ 1, 40 —	1, 62
3 0 9	19, 41	0, 28	— 0, 24 +	1, 64
10	19, 08	0, 33	1, 89	1, 65
20	18, 19	0, 89	3, 50	1, 61
4 0 10	16, 85	1, 34	4, 98	1, 48
10	14, 76	2, 09	6, 32	1, 34
20	12, 16	2, 60	7, 45	1, 13
5 0 11	9, 58	2, 58	8, 39	0, 94
10	6, 50	3, 08	9, 05	0, 66
20	— 3, 23 +	3, 27	9, 42	0, 37

5. Geminorum. 7. 5

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	89° 49′ 13″	+ 55,″13	FLAMST. 24° 27′ 0″	+ 0,″14
DE ZACH	89 49 10		BARRY 24 27 0	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 0,″08 +		+ 0,″34 —	
10	3, 89	3,″81	0, 33	0,″01
20	7, 58	3, 69	0, 32	0, 01
1 0 7	11, 05	3, 47	0, 30	0, 02
10	14, 17	3, 12	0, 27	0, 03
20	16, 87	2, 70	0, 22	0, 05
2 0 8	19, 07	2, 20	0, 16	0, 06
10	20, 67	1, 60	0, 09	0, 07
20	21, 65	0, 98	+ 0, 03 —	0, 06
3 0 9	21, 97	0, 32	— 0, 03 +	0, 06
10	21, 63	0, 34	0, 09	0, 06
20	20, 61	1, 02	0, 15	0, 06
4 0 10	18, 99	1, 62	0, 20	0, 05
10	16, 79	2, 20	0, 24	0, 04
20	14, 06	2, 73	0, 28	0, 04
5 0 11	10, 92	3, 14	0, 32	0, 04
10	7, 45	3, 47	0, 33	0, 01
20	3, 74	3, 71	0, 34	0, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″02 +		+ 9,″54 —	
10	3, 41	3,″39	9, 38	0,″16
20	6, 77	3, 36	8, 96	0, 42
1 0 7	9, 80	3, 03	8, 26	0, 70
10	12, 60	2, 80	7, 28	0, 98
20	15, 00	2, 40	6, 11	1, 17
2 0 8	16, 96	1, 96	4, 75	1, 36
10	18, 41	1, 45	3, 23	1, 52
20	19, 28	0, 87	+ 1, 62 —	1, 61
3 0 9	19, 58	0, 30	— 0, 03 +	1, 65
10	19, 27	0, 31	1, 68	1, 65
20	18, 40	0, 87	3, 29	1, 61
4 0 10	16, 95	1, 45	4, 79	1, 50
10	14, 98	1, 97	6, 15	1, 36
20	12, 58	2, 40	7, 32	1, 17
5 0 11	9, 77	2, 81	8, 28	0, 96
10	6, 69	3, 08	8, 99	0, 71
20	3, 39	3, 30	9, 39	0, 40

In pede præcedentis Gemini antecedens eſt ♊. 4. 7

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	90° 42′ 8″		BRADL. 22° 33′ 2″	
DE LA CAILLE	90 41 57		CAILLE 22 33 9	
TOB. MAYER	90 42 4		T. MAY. 22 33 6	
DE LAMBRE	90 43 3		L.I.AND. 22 33 9	
DE ZACH	90 42 1	+ 54,″34	BARRY 22 33 6	0,″19

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 0,″23 —		— 0,″33 +	
10	— 3, 65 +	3,″88	0, 32	0,″01
20	7, 18	3, 53	0, 29	0, 03
1 0 7	10, 63	3, 45	0, 24	0, 05
10	13, 73	3, 10	0, 19	0, 05
20	16, 44	2, 71	0, 14	0, 05
2 0 8	18, 62	2, 18	0, 09	0, 05
10	20, 26	1, 64	— 0, 03 +	0, 06
20	21, 29	1, 03	+ 0, 04 —	0, 07
3 0 9	21, 66	0, 37	0, 10	0, 06
10	21, 37	0, 29	0, 16	0, 06
20	20, 42	0, 95	0, 21	0, 05
4 0 10	18, 87	1, 55	0, 25	0, 04
10	16, 74	2, 13	0, 28	0, 03
20	14, 10	2, 64	0, 31	0, 03
5 0 11	11, 03	3, 07	0, 34	0, 03
10	7, 63	3, 40	0, 35	0, 01
20	3, 98	3, 65	0, 35	0, 00

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″05 —		+ 9,″54 —	
10	— 3, 30 +	3,″35	9, 39	0,″15
20	6, 56	3, 26	9, 00	0, 39
1 0 7	9, 60	3, 04	8, 31	0, 69
10	12, 37	2, 77	7, 36	0, 95
20	14, 74	2, 37	6, 19	1, 17
2 0 8	16, 69	1, 95	4, 83	1, 36
10	18, 12	1, 43	3, 34	1, 49
20	18, 99	0, 87	1, 73	1, 61
3 0 9	19, 30	0, 31	+ 0, 08 —	1, 65
10	19, 01	0, 29	— 1, 58 +	1, 66
20	18, 16	0, 85	3, 18	1, 60
4 0 10	16, 74	1, 42	4, 69	1, 51
10	14, 81	1, 93	6, 06	1, 37
20	12, 44	2, 37	7, 25	1, 19
5 0 11	9, 69	2, 75	8, 23	0, 98
10	6, 65	3, 04	8, 94	0, 71
20	3, 40	3, 25	9, 36	0, 42

11. Geminorum. 8.

11

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	91° 47′ 11″	+ 54.″74	T. MAY. 23°32′ 4″	— 0.″57
DE ZACH	91 47 8		BARRY 23 32 3	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 0,″62 —		+ 0,″01 —	
10	— 3, 17	3,″79	0, 04	0,″03
20	6, 86	3, 69	0, 08	0, 04
1 0 7	10, 35	3, 49	0, 12	0, 04
10	13, 53	3, 18	0, 16	0, 04
20	16, 28	2, 75	0, 19	0, 03
2 0 8	18, 58	2, 30	0, 22	0, 03
10	20, 28	1, 70	0, 24	0, 02
20	21, 36	1, 08	0, 25	0, 01
3 0 9	21, 79	0, 43	0, 25	0, 00
10	21, 60	0, 19	0, 24	0, 01
20	20, 69	0, 91	0, 23	0, 01
4 0 10	19, 20	1, 49	0, 21	0, 02
10	17, 10	2, 10	0, 19	0, 02
20	14, 50	2, 60	0, 16	0, 03
5 0 11	11, 44	3, 06	0, 13	0, 03
10	8, 05	3, 39	0, 09	0, 04
20	4, 40	3, 65	0, 04	0, 05

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″12 —		+ 9,″53 —	
10	— 3, 25 +	3,″37	9, 42	0,″11
20	6, 53	3, 28	9, 04	0, 38
1 0 7	9, 61	3, 08	8, 38	0, 66
10	12, 40	2, 79	7, 43	0, 95
20	14, 80	2, 40	6, 31	1, 12
2 0 8	16, 77	1, 97	4, 96	1, 35
10	18, 23	1, 46	3, 48	1, 48
20	19, 12	0, 89	1, 86	1, 62
3 0 9	19, 44	0, 32	+ 0, 22 —	1, 64
10	19, 16	0, 28	— 1, 43 +	1, 65
20	18, 31	0, 85	3, 05	1, 62
4 0 10	16, 90	1, 41	4, 57	1, 52
10	14, 97	1, 93	5, 95	1, 38
20	12, 60	2, 37	7, 15	1, 20
5 0 11	9, 83	2, 77	8, 14	0, 99
10	6, 78	3, 05	8, 89	0, 75
20	3, 50	3, 28	9, 33	0, 44

μ Geminorum, fequens in eodem pede, calx. 3. 13

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	92° 42′ 50″		BRADL. 22°36′13″	
DE LA CAILLE	92 42 40		CAILLE 22 36 17	
TOB. MAYER	92 42 43		T. MAY. 22 36 17	
DE LAMBRE	92 42 49		L.LAND. 22 36 19	
DE ZACH	92 42 51	+ 54,″36	BARRY 22 36 13	—0,″89

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 0,″92 —		— 0,″31 +	
10	— 2, 85 +	3,″77	0, 26	0,″05
20	6, 53	3, 68	0, 18	0, 08
		3, 48		0, 09
1 0 7	10, 01		0, 09	
10	13, 19	3, 18	— 0, 00 +	0, 09
20	15, 98	2, 79	+ 0, 08 —	0, 08
		2, 29		0, 08
2 0 8	18, 27		0, 16	
10	20, 02	1, 75	0, 23	0, 07
20	21, 13	1, 11	0, 30	0, 07
		0, 50		0, 06
3 0 9	21, 63		0, 36	
10	21, 48	0, 15	0, 41	0, 05
20	20, 65	0, 83	0, 44	0, 03
		1, 47		0, 02
4 0 10	19, 18		0, 46	
10	17, 18	2, 00	0, 48	0, 02
20	14, 62	2, 56	0, 47	0, 01
		2, 99		0, 01
5 0 11	11, 63		0, 46	
10	8, 27	3, 36	0, 44	0, 02
20	4, 67	3, 60	0, 39	0, 05

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″19 —		+ 9,″52 —	
10	— 3, 25 +	3,″44	9, 43	0,″09
20	6, 43	3, 18	9, 07	0, 36
		3, 06		0, 65
1 0 7	9, 49		8, 42	
10	12, 27	2, 78	7, 51	0, 91
20	14, 66	2, 39	6, 39	1, 12
		1, 96		1, 34
2 0 8	16, 62		5, 05	
10	18, 08	1, 46	3, 57	1, 48
20	18, 98	0, 90	1, 97	1, 60
		0, 35		1, 65
3 0 9	19, 33		+ 0, 32 +	
10	19, 04	0, 29	— 1, 33 —	1, 65
20	18, 20	0, 84	2, 95	1, 62
		1, 39		1, 53
4 0 10	16, 18		4, 48	
10	14, 90	1, 91	5, 87	1, 39
20	12, 55	2, 35	7, 09	1, 22
		2, 74		1, 00
5 0 11	9, 81		8, 09	
10	6, 78	3, 03	8, 85	0, 76
20	3, 59	3, 19	9, 30	0, 45

ϒ Geminorum, in extremitate pedis dextri. 4. 18

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	94° 15′ 39″		BRADL. 20° 19′ 30″	
DE LA CAILLE	94 16 7		CAILLE 20 19 39	
TOB. MAYER	94 16 14	+	T. MAY. 20 19 35	—
DE ZACH	94 16 12	53,″43	BARRY 20 19 33	1,″44

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 1,″47 —		— 1,″10 +	
10	— 2, 24 +	3,″71	0, 98	0,″12
20	5, 88	3, 64	0, 85	0, 13
1 0 7	9, 35	3, 47	0, 70	0, 15
10	12, 54	3, 19	0, 53	0, 17
20	15, 32	2, 78	0, 33	0, 20
2 0 8	17, 69	2, 37	— 0, 12 +	0, 21
10	19, 48	1, 79	+ 0, 10 —	0, 22
20	20, 79	1, 31	0, 31	0, 21
3 0 9	21, 28	0, 49	0, 52	0, 21
10	21, 21	0, 07	0, 71	0, 19
20	20, 49	0, 72	0, 87	0, 16
4 0 10	19, 13	1, 36	1, 00	0, 13
10	17, 24	1, 89	1, 12	0, 12
20	14, 80	2, 44	1, 19	0, 07
5 0 11	11, 92	2, 88	1, 22	0, 03
10	8, 66	3, 26	1, 23	0, 01
20	5, 15	3, 51	1, 19	0, 04

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″26 —		+ 9,″51 —	
10	— 3, 03 +	3,″29	9, 46	0,″05
20	6, 25	3, 22	9, 12	0, 34
1 0 7	9, 25	3, 00	8, 51	0, 61
10	12, 00	2, 75	7, 63	0, 88
20	14, 36	2, 36	6, 52	1, 11
2 0 8	16, 29	1, 93	5, 22	1, 30
10	17, 74	1, 45	3, 75	1, 47
20	18, 64	0, 90	2, 16	1, 59
3 0 9	18, 98	0, 34	+ 0, 54 —	1, 62
10	18, 73	0, 25	— 1, 13 +	1, 67
20	17, 92	0, 81	2, 75	1, 62
4 0 10	16, 56	1, 36	4, 29	1, 54
10	14, 59	1, 97	5, 70	1, 41
20	12, 40	2, 19	6, 94	1, 24
5 0 11	9, 71	2, 69	7, 96	1, 02
10	6, 75	2, 96	8, 75	0, 79
20	3, 55	3, 20	9, 25	0, 50

21 Geminorum. 6. 7. 21

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	95° 9′ 29″	+ 52,″48	CAILLE 17° 54′ 54″	— 1,″75
TOB. MAYER	95 9 26		T. MAY. 17 54 43	
DE ZACH	95 9 28		BARRY 17 54 42	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 1,″73 —		— 1,″96 +	
10	— 1, 95 +	3,″68	1, 86	0,″10
20	5, 55	3, 60	1, 66	0, 20
		3, 44		0, 23
1 0 7	8, 99		1, 43	
10	12, 14	3, 15	1, 15	0, 28
20	14, 93	2, 79	0, 84	0, 31
		2, 35		0, 32
2 0 8	17, 28		0, 52	
10	19, 09	1, 81	— 0, 17 +	0, 35
20	20, 33	1, 24	+ 0, 20 —	0, 37
		0, 61		0, 34
3 0 9	20, 94		0, 54	
10	20, 92	0, 02	0, 88	0, 34
20	20, 25	0, 67	1, 20	0, 32
		1, 26		0, 27
4 0 10	18, 99		1, 47	
10	17, 14	1, 85	1, 68	0, 21
20	14, 79	2, 35	1, 86	0, 18
		2, 83		0, 12
5 0 11	11, 96		1, 98	
10	8, 78	3, 18	2, 03	0, 05
20	5, 32	3, 46	2, 02	0, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″27 —		+ 9,″49 —	
10	— 2, 97 +	3,″24	9, 49	0,″00
20	6, 12	3, 15	9, 14	0, 35
		2, 96		0, 59
1 0 7	9, 08		8, 55	
10	11, 77	2, 69	7, 68	0, 87
20	14, 09	2, 32	6, 56	1, 12
		1, 91		1, 25
2 0 8	16, 00		5, 31	
10	17, 42	1, 42	3, 85	1, 46
20	18, 30	0, 88	2, 27	1, 58
		0, 34		1, 63
3 0 9	18, 64		+ 0, 64 —	
10	18, 40	0, 24	— 1, 02 +	1, 66
20	17, 61	0, 79	2, 64	1, 62
		1, 34		1, 54
4 0 10	16, 27		4, 18	
10	14, 44	1, 83	5, 60	1, 42
20	12, 19	2, 25	6, 86	1, 26
		2, 64		1, 04
5 0 11	9, 55		7, 90	
10	6, 64	2, 91	8, 70	0, 80
20	3, 50	3, 14	9, 22	0, 52

23 Geminorum. 5. 23

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	96° 6′ 18″		FLAMST. 17° 6′ 37″	
DE ZACH	96 6 41	+ 52,″16	BARRY 16 56 44	— 2,″05

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 0 6	+ 2,″05 —		— 2,″24 +	
10	— 1, 61 +	3,″66	2, 10	0,″14
20	5, 21	3, 60	1, 90	0, 20
1 0 7	8, 64	3, 43	1, 67	0, 23
10	11, 82	3, 18	1, 32	0, 35
20	14, 63	2, 81	0, 97	0, 35
2 0 8	17, 00	2, 37	0, 59	0, 38
10	18, 86	1, 86	— 0, 19 +	0, 40
20	20, 13	1, 27	+ 0, 23 —	0, 42
3 0 9	20, 81	0, 68	0, 63	0, 40
10	20, 87	0, 06	1, 00	0, 37
20	20, 26	0, 61	1, 37	0, 37
4 0 10	19, 06	1, 20	1, 68	0, 31
10	17, 25	1, 81	1, 93	0, 25
20	14, 93	2, 32	2, 17	0, 24
5 0 11	12, 17	2, 76	2, 27	0, 10
10	9, 03	3, 14	2, 33	0, 06
20	5, 62	3, 41	2, 35	0, 02

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″31 —		+ 9,″47 —	
10	— 2, 86 +	3,″17	9, 47	0,″00
20	6, 05	3, 19	9, 17	0, 30
1 0 7	8, 99	2, 94	8, 59	0, 58
10	11, 67	2, 68	7, 73	0, 86
20	13, 99	2, 32	6, 67	1, 06
2 0 8	15, 86	1, 87	5, 50	1, 17
10	17, 31	1, 45	3, 96	1, 54
20	18, 13	0, 82	2, 39	1, 57
3 0 9	18, 53	0, 40	+ 0, 75 —	1, 64
10	18, 30	0, 23	— 0, 91 +	1, 66
20	17, 52	0, 78	2, 52	1, 61
4 0 10	16, 20	1, 32	4, 10	1, 58
10	14, 39	1, 81	5, 51	1, 41
20	12, 15	2, 24	6, 78	1, 27
5 0 11	9, 53	2, 62	7, 84	1, 06
10	6, 63	2, 90	8, 66	0, 82
20	3, 52	3, 11	9, 20	0, 54

21 Geminorum. 6. 7. 21

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	95° 9′ 29″	+ 52,″48	CAILLE 17°54′54″	— 1,″75
TOB. MAYER	95 9 26		T. MAY. 17 54 43	
DE ZACH	95 9 28		BARRY 17 54 42	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 1,″73 —		— 1,″96 +	
10	— 1, 95 +	3,″68	1, 86	0,″10
20	5, 55	3, 60	1, 66	0, 20
1 0 7	8, 99	3, 44	1, 43	0, 23
10	12, 14	3, 15	1, 15	0, 28
20	14, 93	2, 79	0, 84	0, 31
2 0 8	17, 28	2, 35	0, 52	0, 32
10	19, 09	1, 81	— 0, 17 +	0, 35
20	20, 33	1, 24	+ 0, 20 —	0, 37
3 0 9	20, 94	0, 61	0, 54	0, 34
10	20, 92	0, 02	0, 88	0, 34
20	20, 25	0, 67	1, 20	0, 32
4 0 10	18, 99	1, 26	1, 47	0, 27
10	17, 14	1, 85	1, 68	0, 21
20	14, 79	2, 35	1, 86	0, 18
5 0 11	11, 96	2, 83	1, 98	0, 12
10	8, 78	3, 18	2, 03	0, 05
20	5, 32	3, 46	2, 02	0, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″27 —		+ 9,″49 —	
10	— 2, 97 +	3,″24	9, 49	0,″00
20	6, 12	3, 15	9, 14	0, 35
1 0 7	9, 08	2, 96	8, 55	0, 59
10	11, 77	2, 69	7, 68	0, 87
20	14, 09	2, 32	6, 56	1, 12
2 0 8	16, 00	1, 91	5, 31	1, 25
10	17, 42	1, 42	3, 85	1, 46
20	18, 30	0, 88	2, 27	1, 58
3 0 9	18, 64	0, 34	+ 0, 64 —	1, 63
10	18, 40	0, 24	— 1, 02 +	1, 66
20	17, 61	0, 79	2, 64	1, 62
4 0 10	16, 27	1, 34	4, 18	1, 54
10	14, 44	1, 83	5, 60	1, 42
20	12, 19	2, 25	6, 86	1, 26
5 0 11	9, 55	2, 64	7, 90	1, 04
10	6, 64	2, 91	8, 70	0, 80
20	3, 50	3, 14	9, 22	0, 52

23 Geminorum. 5.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	96° 6′ 18″	+ 52,″16	FLAMST. 17° 6′ 37″	— 2,″05
DE ZACH	96 6 41		BARRY 16 56 44	

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
☌ 0 0 6	+ 2,″05 —		— 2,″24 +	
10	— 1, 61 +	3,″66	2, 10	0,″14
20	5, 21	3, 60	1, 90	0, 20
1 0 7	8, 64	3, 43	1, 67	0, 23
10	11, 82	3, 18	1, 32	0, 35
20	14, 63	2, 81	0, 97	0, 35
2 0 8	17, 00	2, 37	0, 59	0, 38
10	18, 86	1, 86	— 0, 19 +	0, 40
20	20, 13	1, 27	+ 0, 23 —	0, 42
3 0 9	20, 81	0, 68	0, 63	0, 40
10	20, 87	0, 06	1, 00	0, 37
20	20, 26	0, 61	1, 37	0, 37
4 0 10	19, 06	1, 20	1, 68	0, 31
10	17, 25	1, 81	1, 93	0, 25
20	14, 93	2, 32	2, 17	0, 24
5 0 11	12, 17	2, 76	2, 27	0, 10
10	9, 03	3, 14	2, 33	0, 06
20	5, 62	3, 41	2, 35	0, 02

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☌ 0 0 6	+ 0,″31 —		+ 9,″47 —	
10	— 2, 86 +	3,″17	9, 47	0,″00
20	6, 05	3, 19	9, 17	0, 30
1 0 7	8, 99	2, 94	8, 59	0, 58
10	11, 67	2, 68	7, 73	0, 86
20	13, 99	2, 32	6, 67	1, 06
2 0 8	15, 86	1, 87	5, 50	1, 17
10	17, 31	1, 45	3, 96	1, 54
20	18, 13	0, 82	2, 39	1, 57
3 0 9	18, 53	0, 40	+ 0, 75 —	1, 64
10	18, 30	0, 23	— 0, 91 +	1, 66
20	17, 52	0, 78	2, 52	1, 61
4 0 10	16, 20	1, 32	4, 10	1, 58
10	14, 39	1, 81	5, 51	1, 41
20	12, 15	2, 24	6, 78	1, 27
5 0 11	9, 53	2, 62	7, 84	1, 06
10	6, 63	2, 90	8, 66	0, 82
20	3, 52	3, 11	9, 20	0, 54

γ Geminorum, in ſiniſt. pede ſequentis Gemini. 2. 3. 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	96° 32′ 19″		BRADL. 16° 33′ 24″	
DE LA CAILLE	96 32 9		CAILLE 16 33 33	
TOB. MAYER	96 32 14		T. MAY. 16 33 30	
DE LAMBRE	96 32 15	+	L.LAND. 16 33 32	—
DE ZACH	96 32 16	51,″95	BARRY 16 33 23	2,″23

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 2,″16 —		— 2,″44 +	
10	— 1, 47 +	3,″63	2, 30	0,″14
20	5, 06	3, 59	2, 07	0, 23
		3, 43		0, 27
1 0 7	8, 49		1, 80	
10	11, 68	3, 19	1, 46	0, 34
20	14, 49	2, 81	1, 08	0, 38
		2, 37		0, 39
2 0 8	16, 86		0, 69	
10	18, 74	1, 88	— 0, 24 +	0, 45
20	20, 03	1, 29	+ 0, 20 —	0, 44
		0, 70		0, 44
3 0 9	20, 73		0, 64	
10	20, 80	0, 07	1, 06	0, 42
20	20, 22	0, 58	1, 45	0, 39
		1, 19		0, 35
4 0 10	19, 03		1, 80	
10	17, 26	1, 77	2, 07	0, 27
20	14, 97	2, 29	2, 29	0, 22
		2, 74		0, 16
5 0 11	12, 23		2, 45	
10	9, 12	3, 11	2, 51	0, 06
20	5, 77	3, 35	2, 52	0, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″32 —		+ 9,″46 —	
10	— 2, 89 +	3,″21	9, 47	0,″01
20	6, 01	3, 12	9, 17	0, 30
		2, 93		0, 55
1 0 7	8, 94		8, 62	
10	11, 62	2, 68	7, 77	0, 85
20	13, 93	2, 31	6, 70	1, 07
		1, 88		1, 26
2 0 8	15, 81		5, 44	
10	17, 24	1, 43	4, 00	1, 44
20	18, 11	0, 87	2, 44	1, 56
		0, 34		1, 65
3 0 9	18, 45		+ 0, 79 —	
10	18, 22	0, 23	— 0, 85 +	1, 64
20	17, 45	0, 77	2, 47	1, 62
		1, 32		1, 58
4 0 10	16, 13		4, 05	
10	14, 33	1, 80	5, 47	1, 42
20	12, 10	2, 23	6, 75	1, 28
		2, 60		1, 06
5 0 11	9, 50		7, 81	
10	6, 62	2, 88	8, 63	0, 82
20	3, 52	3, 10	9, 18	0, 55

26 Geminorum. 5. 26

	Ascens. rect. med.	Var. ann. Æ. med.
BRADLEY	97° 41′ 17″	+ 52,″41
DE LA CAILLE	97 41 17	
TOB. MAYER	97 41 13	
DE ZACH	97 41 13	

	Declin. med. Bor.	Var. ann. Decl. med.
BRADL.	17° 49′ 44″	— 2,″63
CAILLE	17 49 49	
T. MAY.	17 49 46	
BARRY	17 49 40	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 2,″58 —		— 2,″01 +	
10	— 1, 07 +	3,″65	1, 84	0,″17
20	4, 71	3, 64	1, 59	0, 25
♌ 1 0 7	8, 18	3, 47	1, 34	0, 25
10	11, 40	3, 22	1, 02	0, 32
20	14, 29	2, 89	0, 67	0, 35
♌ 2 0 8	16, 74	2, 45	— 0, 31 +	0, 36
10	18, 69	1, 95	+ 0, 07 —	0, 38
20	20, 04	1, 35	0, 47	0, 40
♌ 3 0 9	20, 83	0, 79	0, 82	0, 35
10	20, 96	0, 13	1, 15	0, 33
20	20, 44	0, 52	1, 46	0, 31
♌ 4 0 10	19, 32	1, 12	1, 72	0, 26
10	17, 61	1, 71	1, 92	0, 20
20	15, 36	2, 25	2, 08	0, 16
♌ 5 0 11	12, 63	2, 73	2, 16	0, 08
10	9, 54	3, 09	2, 14	0, 02
20	6, 16	3, 38	2, 10	0, 04

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 0,″41 —		+ 9,″44 —	
10	— 2, 98 +	3,″39	9, 48	0,″04
20	5, 99	3, 01	9, 20	0, 28
♌ 1 0 7	8, 95	2, 96	8, 66	0, 54
10	11, 65	2, 70	7, 83	0, 83
20	13, 99	2, 34	6, 79	1, 04
♌ 2 0 8	15, 91	1, 92	5, 55	1, 24
10	17, 36	1, 45	4, 11	1, 44
20	18, 26	0, 90	2, 57	1, 54
♌ 3 0 9	18, 61	0, 35	+ 0, 94 —	1, 63
10	18, 40	0, 21	— 0, 71 +	1, 65
20	17, 63	0, 77	2, 34	1, 63
♌ 4 0 10	16, 33	1, 30	3, 91	1, 57
10	14, 52	1, 81	5, 35	1, 44
20	12, 28	2, 24	6, 64	1, 29
♌ 5 0 11	9, 66	2, 62	7, 72	1, 08
10	6, 73	2, 93	8, 56	0, 84
20	3, 63	3, 10	9, 13	0, 57

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	97° 54′ 20″		BRADL. 25° 18′ 53″	
DE LA CAILLE	97 54 17		CAILLE 25 18 52	
TOB. MAYER	97 54 16		T. MAY. 25 18 55	
DE LAMBRE	97 54 17	+	L.LAND. 25 18 59	—
DE ZACH	97 54 17	55,″42	BARRY 25 18 55	2,″70

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 2,″80 —		+ 0,″57 —	
10	— 0, 94 +	3,″74	0, 76	0,″19
20	4, 88	3, 94	0, 94	0, 18
		3, 67		0, 15
1 0 7	8, 55		1, 09	
10	11, 95	3, 40	1, 20	0, 11
20	14, 99	3, 04	1, 26	0, 06
		2, 59		0, 04
2 0 8	17, 58		1, 30	
10	19, 66	2, 08	1, 30	0, 00
20	21, 09	1, 43	1, 26	0, 04
		0, 82		0, 08
3 0 9	21, 91		1, 18	
10	22, 07	0, 16	1, 06	0, 12
20	21, 56	0, 51	0, 92	0, 14
		1, 19		0, 19
4 0 10	20, 37		0, 73	
10	18, 57	1, 80	0, 54	0, 19
20	16, 22	2, 35	0, 32	0, 22
		2, 87		0, 22
5 0 11	13, 35		+ 0, 10 —	
10	10, 11	3, 24	— 0, 12 +	0, 22
20	6, 56	3, 55	0, 35	0, 23

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″62 —		+ 9,″43 —	
10	— 2, 81 +	3,″43	9, 48	0,″05
20	6, 15	3, 34	9, 20	0, 28
		3, 15		0, 52
1 0 7	9, 30		8, 68	
10	12, 18	2, 88	7, 85	0, 83
20	14, 67	2, 49	6, 80	1, 05
		2, 05		1, 23
2 0 8	16, 72		5, 57	
10	18, 29	1, 57	4, 14	1, 43
20	19, 27	0, 98	2, 60	1, 54
		0, 41		1, 63
3 0 9	19, 68		+ 0, 97 —	
10	19, 49	0, 19	— 0, 68 +	1, 65
20	18, 70	0, 79	2, 31	1, 63
		1, 35		1, 58
4 0 10	17, 35		3, 89	
10	15, 47	1, 88	5, 32	1, 43
20	13, 12	2, 35	6, 62	1, 30
		2, 75		1, 08
5 0 11	10, 37		7, 70	
10	7, 32	3, 05	8, 55	0, 85
20	4, 08	3, 24	9, 12	0, 57

28 Geminorum. 6. 28

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	98° 1′ 9″	+ 57,″10	BRADL. 29° 9′31″	— 2,″72
DE ZACH	98 1 0		BARRY 29 9 33	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 2,″93 —		+ 1,″89 —	
10	— 1, 05 +	3,″98	2, 08	0,″19
20	5, 02	3, 97	2, 24	0, 16
1 0 7	8, 82	3, 80	2, 33	0, 09
10	12, 33	3, 51	2, 33	0, 00
20	15, 50	3, 17	2, 26	0, 07
2 0 8	18, 17	2, 67	2, 12	0, 14
10	20, 33	2, 16	1, 92	0, 20
20	21, 82	1, 49	1, 66	0, 26
3 0 9	22, 69	0, 87	1, 36	0, 30
10	22, 85	0, 16	1, 03	0, 33
20	22, 31	0, 54	0, 63	0, 40
4 0 10	21, 11	1, 20	+ 0, 23 —	0, 40
10	19, 25	1, 86	— 0, 17 +	0, 40
20	16, 82	2, 43	0, 58	0, 41
5 0 11	13, 86	2, 96	0, 97	0, 39
10	10, 50	3, 36	1, 31	0, 34
20	6, 83	3, 67	1, 61	0, 30

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″74 —		+ 9,″43 —	
10	— 2, 79 +	3,″53	9, 48	0,″05
20	6, 24	3, 45	9, 21	0, 27
1 0 7	9, 49	3, 25	8, 68	0, 53
10	12, 47	2, 98	7, 86	0, 82
20	15, 05	2, 58	6, 81	1, 05
2 0 8	17, 18	2, 13	5, 58	1, 23
10	18, 81	1, 63	4, 16	1, 42
20	19, 84	1, 03	2, 61	1, 55
3 0 9	20, 26	0, 42	+ 0, 98 —	1, 63
10	20, 10	0, 16	— 0, 67 +	1, 65
20	19, 30	0, 80	2, 29	1, 62
4 0 10	17, 93	1, 37	3, 87	1, 58
10	16, 00	1, 93	5, 31	1, 44
20	13, 60	2, 40	6, 61	1, 30
5 0 11	10, 77	2, 83	7, 69	1, 08
10	7, 64	3, 13	8, 54	0, 85
20	4, 24	3, 40	9, 12	0, 58

1 ♊ Geminorum. 6. 30

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	98° 10′ 38″		T. MAY. 13° 25′ 6″	
DE ZACH	98 10 38	+ 50,″76	BARRY 13 25 2	— 2,″80

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♋ 0 6	+ 2,″93 —		— 3,″55 +	
10	— 1, 05 +	3,″98	3, 38	0,″17
20	5, 02	3, 97	3, 10	0, 28
1 0 7	8, 82	3, 80	2, 79	0, 31
10	12, 33	3, 51	2, 39	0, 40
20	15, 50	3, 17	1, 88	0, 51
2 0 8	18, 17	2, 67	1, 31	0, 57
10	20, 33	2, 16	0, 69	0, 62
20	21, 82	1, 49	— 0, 03 +	0, 66
3 0 9	22, 69	0, 87	+ 0, 66 —	0, 69
10	22, 85	0, 16	1, 31	0, 65
20	22, 31	0, 54	1, 93	0, 62
4 0 10	21, 11	1, 20	2, 46	0, 53
10	19, 25	1, 86	2, 86	0, 40
20	16, 82	2, 43	3, 18	0, 32
5 0 11	13, 86	2, 96	3, 42	0, 24
10	10, 50	3, 36	3, 56	0, 14
20	6, 83	3, 67	3, 61	0, 05

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♋ 0 6	+ 0,″32 —		+ 9,″43 —	
10	— 2, 81 +	3,″13	9, 48	0,″05
20	5, 87	3, 06	9, 21	0, 27
1 0 7	8, 73	2, 86	8, 69	0, 52
10	11, 34	2, 61	7, 87	0, 82
20	13, 60	2, 26	6, 83	1, 04
2 0 8	15, 45	1, 85	5, 60	1, 23
10	16, 84	1, 39	4, 18	1, 42
20	17, 70	0, 86	2, 65	1, 53
3 0 9	18, 03	0, 33	+ 0, 97 —	1, 68
10	17, 81	0, 22	— 0, 65 +	1, 62
20	17, 05	0, 76	2, 26	1, 61
4 0 10	15, 78	1, 27	3, 85	1, 59
10	14, 01	1, 77	5, 29	1, 44
20	11, 84	2, 17	6, 60	1, 31
5 0 11	9, 29	2, 55	7, 67	1, 07
10	6, 47	2, 82	8, 53	0, 86
20	3, 45	3, 02	9, 11	0, 58

2 ♌ Geminor. in extremo dextr. pede ſequent. Gemini. 4. 31

TOB. MAYER	Ascens. rect. med. 98° 31′ 1″	Var. ann. Æ. med. + 50,″64	Declin. med. Bor. T. MAY. 13° 6′ 6″	Var. ann. Decl. med. — 2,″92
DE ZACH	98 30 54		BARRY 13 5 56	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 2,″78 —		— 3,″67 +	
10	— 0, 79 +	3,″57	3, 49	0,″18
20	4, 33	3, 54	3, 20	0, 29
		3, 43		0, 37
1 0 7	7, 76		2, 83	
10	10, 91	3, 15	2, 37	0, 46
20	13, 77	2, 86	1, 84	0, 53
		2, 42		0, 59
2 0 8	16, 19		1, 25	
10	18, 14	1, 95	— 0, 63 +	0, 62
20	19, 52	1, 38	+ 0, 02 —	0, 65
		0, 79		0, 65
3 0 9	20, 31		0, 67	
10	20, 48	0, 17	1, 32	0, 65
20	20, 02	0, 46	1, 87	0, 55
		1, 05		0, 54
4 0 10	18, 97		2, 41	
10	17, 33	1, 64	2, 86	0, 45
20	15, 19	2, 14	3, 23	0, 37
		2, 64		0, 27
5 0 11	12, 55		3, 50	
10	9, 55	3, 00	3, 66	0, 16
20	6, 26	3, 29	3, 71	0, 05

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″33 —		+ 9,″42 —	
10	— 2, 80 +	3,″13	9, 48	0,″06
20	5, 85	3, 05	9, 21	0, 26
		2, 85		0, 50
1 0 7	8, 70		8, 71	
10	11, 31	2, 61	7, 89	0, 82
20	13, 56	2, 25	6, 85	1, 04
		1, 85		1, 22
2 0 8	15, 41		5, 63	
10	16, 79	1, 38	4, 21	1, 42
20	17, 65	0, 86	2, 66	1, 55
		0, 34		1, 61
3 0 9	17, 99		+ 1, 05 —	
10	17, 77	0, 22	— 0, 61 +	1, 66
20	17, 02	0, 75	2, 23	1, 62
		1, 28		1, 58
4 0 10	15, 74		3, 81	
10	13, 98	1, 76	5, 26	1, 45
20	11, 81	2, 17	6, 56	1, 30
		2, 54		1, 08
5 0 11	9, 27		7, 64	
10	6, 47	2, 80	8, 51	0, 87
20	3, 44	3, 03	9, 10	0, 59

θ Geminorum, in ſiniſtro cubito præced. Gemini. 4. 34

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	99° 53′ 33″		FLAMST 34° 11′ 18″	
DE ZACH	99 53 48	+ 59,″45	BARRY 34 11 14	— 3,″31

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
○ 0 6	+ 3,″82 —		+ 3,″55 —	
10	— 0, 37 +	4,″19	3, 83	0,″28
20	4, 56	4, 19	4, 00	0, 17
		4, 05		0, 05
I 0 7	8, 61		4, 05	
10	12, 39	3, 78	3, 97	0, 08
20	15, 55	3, 16	3, 77	0, 20
		3, 18		0, 32
2 0 8	18, 73		3, 45	
10	21, 08	2, 35	3, 05	0, 40
20	22, 80	1, 72	2, 52	0, 53
		1, 03		0, 59
3 0 9	23, 83		1, 93	
10	24, 12	0, 29	1, 29	0, 64
20	23, 69	0, 43	+ 0, 58 —	0, 71
		1, 16		0, 70
4 0 10	22, 53		— 0, 12 +	
10	20, 68	1, 85	0, 81	0, 69
20	18, 23	2, 45	1, 47	0, 66
		3, 03		0, 65
5 0 11	15, 20		2, 12	
10	11, 73	3, 47	2, 68	0, 56
20	7, 89	3, 84	3, 17	0, 49

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
○ 0 6	+ 1,″09 —		+ 9,″39 —	
10	— 2, 58 +	3,″67	9, 47	0,″08
20	6, 19	3, 61	9, 24	0, 23
		3, 41		0, 50
I 0 7	9, 60		8, 74	
10	12, 72	3, 12	7, 99	0, 75
20	15, 45	2, 73	6, 97	1, 02
		2, 26		1, 21
2 0 8	17, 71		5, 76	
10	19, 46	1, 75	4, 36	1, 40
20	20, 59	1, 13	2, 82	1, 54
		0, 50		1, 60
3 0 9	21, 09		+ 1, 22 —	
10	20, 96	0, 13	— 0, 43 +	1, 65
20	20, 20	0, 76	2, 07	1, 64
		1, 38		1, 56
4 0 10	18, 82		3, 63	
10	16, 87	1, 95	5, 10	1, 47
20	14, 40	2, 47	6, 42	1, 32
		2, 91		1, 11
5 0 11	11, 49		7, 53	
10	8, 25	3, 24	8, 42	0, 89
20	4, 74	3, 51	9, 05	0, 63

d Geminorum, ſupra genu inferioris Gemini. 6. 36

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	99° 53′ 12″		CAILLE 21° 59′ 5″	
TOB. MAYER	99 53 17		T. MAY. 21 59 3	
DE ZACH	99 53 13	+ 54.″00	BARRY 21 59 3	— 3,″39

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 3,″41 —		— 0,″68 +	
10	— 0, 33 +	3,″74	0, 45	0,″23
20	4, 07	3, 74	— 0, 19 +	0, 26
1 0 7	7, 68	3, 61	+ 0, 07 —	0, 26
10	11, 05	3, 37	0, 31	0, 24
20	14, 10	3, 05	0, 55	0, 24
2 0 8	16, 71	2, 61	0, 77	0, 22
10	18, 81	2, 10	0, 98	0, 21
20	20, 34	1, 53	1, 16	0, 18
3 0 9	21, 26	0, 92	1, 29	0, 13
10	21, 51	0, 25	1, 36	0, 07
20	21, 14	0, 37	1, 43	0, 07
4 0 10	20, 10	1, 04	1, 47	0, 04
10	18, 45	1, 65	1, 43	0, 04
20	16, 26	2, 19	1, 34	0, 09
5 0 11	13, 56	2, 70	1, 23	0, 11
10	10, 46	3, 10	1, 08	0, 15
20	7, 04	3, 42	0, 89	0, 19

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″66 —		+ 9,″39 —	
10	— 2, 68 +	3,″34	9, 47	0,″08
20	5, 94	3, 26	9, 24	0, 23
1 0 7	9, 05	3, 11	8, 74	0, 50
10	11, 82	2, 77	7, 99	0, 75
20	14, 26	2, 44	6, 97	1, 02
2 0 8	16, 27	2, 01	5, 76	1, 21
10	17, 80	1, 53	4, 36	1, 40
20	18, 77	0, 97	2, 82	1, 54
3 0 9	19, 17	0, 40	+ 1, 22 —	1, 60
10	18, 99	0, 18	— 0, 43 +	1, 65
20	18, 25	0, 74	2, 07	1, 64
4 0 10	16, 94	1, 31	3, 63	1, 56
10	15, 11	1, 83	5, 10	1, 47
20	12, 83	2, 28	6, 42	1, 32
5 0 11	10, 15	2, 68	7, 53	1, 11
10	7, 19	2, 96	8, 42	0, 89
20	3, 98	3, 21	9, 05	0, 63

ε Geminorum, in calce pedis sequentis Gemini. 6. 38

TOB. MAYER	Ascens. rect. med. 100° 50′ 18″	Var. ann. Æ. med.	Declin. med. Bor. T. MAY. 13°25′13″	Var. ann. Decl. med.
DE ZACH	100 50 15	+ 50,″72	BARRY 13 25 16	— 3,″72

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 3,″55 —		— 3,″58 +	
10	— 0, 03 +	3,″58	3, 37	0,″21
20	3, 60	3, 57	3, 05	0, 32
		3, 43		0, 38
1 0 7	7, 03		2, 67	
10	10, 28	3, 25	2, 19	0, 48
20	13, 20	2, 92	1, 64	0, 55
		2, 52		0, 56
2 0 8	15, 72		1, 08	
10	17, 77	2, 05	— 0, 44 +	0, 64
20	19, 28	1, 51	+ 0, 24 —	0, 68
		0, 93		0, 63
3 0 9	20, 21		0, 87	
10	20, 50	0, 29	1, 49	0, 62
20	20, 19	0, 31	2, 04	0, 55
		0, 94		0, 55
4 0 10	19, 25		2, 59	
10	17, 74	1, 51	2, 96	0, 37
20	15, 69	2, 05	3, 29	0, 33
		2, 52		0, 25
5 0 11	13, 17		3, 54	
10	10, 21	2, 96	3, 65	0, 11
20	6, 98	3, 23	3, 68	0, 03

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″42 —		+ 9,″35 —	
10	— 2, 71 +	3,″13	9, 46	0,″11
20	5, 77	3, 06	9, 26	0, 20
		2, 86		0, 48
1 0 7	8, 63		8, 78	
10	11, 25	2, 62	8, 04	0, 76
20	13, 52	2, 27	7, 04	1, 00
		1, 86		1, 21
2 0 8	15, 38		5, 83	
10	16, 79	1, 41	4, 44	1, 39
20	17, 67	0, 88	2, 93	1, 51
		0, 34		1, 60
3 0 9	18, 01		+ 1, 33 —	
10	17, 81	0, 20	— 0, 32 +	1, 65
20	17, 08	0, 73	1, 95	1, 63
		1, 26		1, 57
4 0 10	15, 82		3, 52	
10	14, 07	1, 75	5, 01	1, 49
20	11, 91	2, 16	6, 33	1, 32
		2, 54		1, 12
5 0 11	9, 37		7, 45	
10	6, 57	2, 80	8, 35	0, 90
20	3, 55	3, 02	9, 00	0, 65

1 ad ω Geminorum, in femore ſuperioris Gemini. 6. 42

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	102° 33′ 6″	+ 54,″94	CAILLE 24° 29′ 10″	— 4,″31
TOB. MAYER	102 33 11		T. MAY. 24 29 16	
DE ZACH	102 33 11		BARRY 24 29 16	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 4,″35 —		+ 0,″17 —	
10	0, 56	3,″79	0, 48	0,″31
20	— 3, 25 +	3, 81	0, 78	0, 30
1 0 7	6, 96	3, 71	1, 05	0, 27
10	10, 43	3, 47	1, 27	0, 22
20	13, 78	3, 35	1, 47	0, 20
2 0 8	16, 41	2, 63	1, 64	0, 17
10	18, 67	2, 26	1, 74	0, 10
20	20, 36	1, 69	1, 79	0, 05
3 0 9	21, 45	1, 09	1, 79	0, 00
10	21, 88	0, 43	1, 72	0, 07
20	21, 65	0, 23	1, 63	0, 09
4 0 10	20, 76	0, 89	1, 47	0, 16
10	19, 23	1, 53	1, 27	0, 20
20	17, 12	2, 11	1, 03	0, 24
5 0 11	14, 49	2, 63	0, 75	0, 28
10	11, 43	3, 06	0, 46	0, 29
20	8, 01	3, 42	0, 15	0, 31

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☋ 0 0 6	+ 0,″94 —		+ 9,″29 —	
10	— 2, 46 +	3,″40	9, 44	0,″15
20	5, 79	3, 33	9, 27	0, 17
1 0 7	8, 87	3, 08	8, 82	0, 45
10	11, 82	2, 95	8, 12	0, 70
20	14, 33	2, 51	7, 16	0, 96
2 0 8	16, 42	2, 09	5, 99	1, 17
10	18, 02.	1, 60.	4, 63	1, 36
20	19, 05	1, 03	3, 12	1, 51
3 0 9	19, 51	0, 46	+ 1, 53 —	1, 59
10	19, 37	0, 14	— 0, 11 +	1, 64
20	18, 65	0, 72	1, 73	1, 62
4 0 10	17, 36	1, 29	3, 31	1, 58
10	15, 54	1, 82	4, 81	1, 50
20	13, 26	2, 28	6, 14	1, 33
5 0 11	10, 56	2, 70	7, 29	1, 15
10	7, 56	3, 00	8, 21	0, 92
20	4, 32	3, 24	8, 90	0, 69

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	103° 3′ 36″		BRADL. 20° 51′ 1″	
DE LA CAILLE	103 3 20		CAILLE 20 51 6	
TOB. MAYER	103 3 31		T. MAY. 20 51 4	
DE LAMBRE	103 3 32		L.LAND. 20 51 10	
DE ZACH	103 3 30	+ 53,″47	BARRY 20 51 4	— 4,″48

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 4,″44 —		— 1,″03 +	
10	0, 77	3,″67	0, 76	0,″27
20	— 2, 95 +	3, 72	0, 47	0, 29
1 0 7	6, 46	3, 51	— 0, 15 +	0, 32
10	9, 98	3, 52	+ 0, 19 —	0, 34
20	13, 11	3, 13	0, 53	0, 34
2 0 8	15, 83	2, 72	0, 86	0, 33
10	18, 06	2, 23	1, 15	0, 29
20	19, 74	1, 68	1, 41	0, 26
3 0 9	20, 85	1, 11	1, 61	0, 20
10	21, 31	0, 46	1, 76	0, 15
20	21, 11	0, 20	1, 88	0, 12
4 0 10	20, 28	0, 83	1, 96	0, 08
10	18, 82	1, 46	1, 95	0, 01
20	16, 81	2, 01	1, 85	0, 10
5 0 11	14, 28	2, 53	1, 70	0, 15
10	11, 31	2, 97	1, 53	0, 17
20	7, 99	3, 32	1, 33	0, 20

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″82 —		+ 9,″27 —	
10	— 2, 49 +	3,″31	9, 44	0,″17
20	5, 76	3, 27	9, 27	0, 17
1 0 7	8, 77	3, 01	8, 84	0, 43
10	11, 53	2, 76	8, 16	0, 68
20	14, 01	2, 48	7, 20	0, 96
2 0 8	16, 03	2, 02	6, 05	1, 15
10	17, 56	1, 53	4, 70	1, 35
20	18, 55	0, 99	3, 19	1, 51
3 0 9	18, 98	0, 43	+ 1, 60 —	1, 59
10	18, 83	0, 15	— 0, 04 +	1, 64
20	18, 12	0, 71	1, 65	1, 61
4 0 10	16, 85	1, 27	3, 25	1, 60
10	15, 07	1, 78	4, 74	1, 49
20	12, 83	2, 24	6, 09	1, 35
5 0 11	10, 20	2, 63	7, 24	1, 15
10	7, 27	2, 93	8, 16	0, 92
20	4, 11	3, 16	8, 86	0, 70

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	104° 13′ 19″	+ 51,″69	T. MAY. 16°14′24″	— 4,″86
DE ZACH	104 13 17		BARRY 16 14 17	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 4,″69 —		— 2,″70 +	
10	1, 12	3,″57	2, 40	0,″30
20	— 2, 49 +	3, 61	2, 04	0, 36
		3, 54		0, 39
1 0 7	6, 03		1, 65	
10	9, 38	3, 35	1, 18	0, 47
20	12, 50	3, 12	0, 68	0, 50
		2, 65		0, 51
2 0 8	15, 15		— 0, 17 +	
10	17, 36	2, 21	+ 0, 36 —	0, 53
20	19, 07	1, 71	0, 88	0, 52
		1, 13		0, 49
3 0 9	20, 20		1, 37	
10	20, 71	0, 51	1, 82	0, 45
20	20, 58	0, 13	2, 21	0, 39
		0, 74		0, 33
4 0 10	19, 84		2, 54	
10	18, 48	1, 36	2, 77	0, 23
20	16, 58	1, 90	2, 95	0, 18
		2, 41		0, 06
5 0 11	14, 17		3, 01	
10	11, 32	2, 85	2, 99	0, 02
20	8, 12	3, 20	2, 87	0, 12

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″68 —		+ 9,″22 —	
10	— 2, 51 +	3,″19	9, 40	0,″18
20	5, 65	3, 14	9, 28	0, 12
		2, 93		0, 40
1 0 7	8, 58		8, 88	
10	11, 27	2, 69	8, 22	0, 66
20	13, 61	2, 34	7, 30	0, 92
		1, 94		1, 13
2 0 8	15, 55		6, 17	
10	17, 00	1, 45	4, 85	1, 32
20	17, 96	0, 96	3, 37	1, 48
		0, 39		1, 59
3 0 9	18, 35		1, 78	
10	18, 19	0, 16	+ 0, 16 —	1, 62
20	17, 47	0, 72	— 1, 47 +	1, 63
		1, 23		1, 58
4 0 10	16, 24		3, 05	
10	14, 49	1, 75	4, 57	1, 52
20	12, 32	2, 17	5, 91	1, 34
		2, 56		1, 19
5 0 11	9, 76		7, 10	
10	6, 92	2, 84	8, 05	0, 95
20	3, 86	3, 06	8, 77	0, 72

τ Geminorum, in ſiniſtro brachio. 5. 46

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	104° 35′ 42″	+ 57,″49	CAILLE 30° 33′ 30″	— 4,″99
TOB. MAYER	104 35 55		T. MAY. 30 33 37	
DE ZACH	104 35 52		BARRY 30 33 39	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 5,″35 —		+ 2,″14 —	
10	1, 38	3,″97	2, 57	0,″43
20	— 2, 65 +	4, 03	2, 91	0, 34
1 0 7	6, 59	3, 94	3, 17	0, 26
10	10, 32	3, 73	3, 31	0, 14
20	13, 77	3, 45	3, 36	0, 05
2 0 8	16, 79	3, 02	3, 29	0, 07
10	19, 28	2, 49	3, 15	0, 14
20	21, 20	1, 92	2, 89	0, 26
3 0 9	22, 47	1, 27	2, 57	0, 32
10	23, 08	0, 61	2, 15	0, 42
20	22, 95	0, 13	1, 68	0, 47
4 0 10	22, 15	0, 80	1, 15	0, 53
10	20, 66	1, 49	+ 0, 58 —	0, 57
20	18, 56	2, 10	— 0, 02 +	0, 60
5 0 11	15, 89	2, 67	0, 60	0, 58
10	12, 73	3, 16	1, 16	0, 56
20	9, 19	3, 54	1, 69	0, 53

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″42 —		+ 9,″22 —	
10	— 2, 15 +	3,″57	9, 40	0,″18
20	5, 65	3, 50	9, 28	0, 12
1 0 7	8, 97	3, 32	8, 88	0, 40
10	12, 03	3, 06	8, 22	0, 66
20	14, 71	2, 68	7, 30	0, 92
2 0 8	16, 94	2, 23	6, 17	1, 13
10	18, 70	1, 76	4, 85	1, 32
20	19, 85	1, 15	3, 37	1, 48
3 0 9	20, 40	0, 55	1, 78	1, 59
10	20, 34	0, 06	+ 0, 16 —	1, 62
20	19, 67	0, 67	— 1, 47 +	1, 63
4 0 10	18, 44	1, 23	3, 05	1, 58
10	16, 54	1, 90	4, 57	1, 52
20	14, 20	2, 34	5, 91	1, 34
5 0 11	11, 43	2, 77	7, 10	1, 19
10	8, 32	3, 11	8, 05	0, 95
20	4, 83	3, 49	8, 77	0, 72

m Geminorum. 6. 48

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	105° 4′ 0″	+ 54,″84	CAILLE 24° 26′ 58″	— 5,″16
TOB. MAYER	105 4 2		T. MAY. 24 27 1	
DE ZACH	105 4 3		BARRY 24 27 0	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 5,″24 —		+ 0,″09 —	
10	1, 49	3,″75	0, 46	0,″37
20	— 2, 33 +	3, 82	0, 82	0, 36
		3, 72		0, 34
1 0 7	6, 05		1, 16	
10	9, 60	3, 55	1, 44	0, 28
20	12, 88	3, 28	1, 71	0, 27
		2, 87		0, 19
2 0 8	15, 75		1, 90	
10	18, 14	2, 39	2, 05	0, 15
20	19, 97	1, 83	2, 13	0, 08
		1, 25		0, 03
3 0 9	21, 22		2, 16	
10	21, 81	0, 59	2, 11	0, 05
20	21, 73	0, 08	2, 01	0, 10
		0, 75		0, 17
4 0 10	20, 98		1, 84	
10	19, 63	1, 35	1, 60	0, 24
20	17, 68	1, 95	1, 33	0, 27
		2, 51		0, 33
5 0 11	15, 17		1, 00	
10	12, 20	2, 97	0, 67	0, 33
20	8, 85	3, 35	0, 30	0, 37

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″13 —		+ 9,″21 —	
10	— 2, 27 +	3,″40	9, 40	0,″19
20	5, 60	3, 33	9, 29	0, 11
		3, 15		0, 40
1 0 7	8, 75		8, 89	
10	11, 65	2, 90	8, 24	0, 65
20	14, 18	2, 53	7, 33	0, 91
		2, 11		1, 12
2 0 8	16, 29		6, 21	
10	17, 91	1, 62	4, 89	1, 32
20	18, 98	1, 07	3, 42	1, 47
		0, 48		1, 58
3 0 9	19, 46		1, 84	
10	19, 36	0, 10	+ 0, 22 —	1, 62
20	18, 69	0, 67	— 1, 41 +	1, 63
		1, 22		1, 58
4 0 10	17, 47		2, 99	
10	15, 63	1, 84	4, 50	1, 51
20	13, 37	2, 26	5, 87	1, 37
		2, 67		1, 18
5 0 11	10, 70		7, 05	
10	7, 78	2, 92	8, 01	0, 96
20	4, 50	3, 28	8, 74	0, 73

51 Geminorum (1 λ *Tob. Mayer*) 5. 51

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	105° 28′ 10″	+ 51,″75	BRADL. 16°29′ 3″	— 5,″30
DE LA CAILLE	105 28 5		CAILLE 16 29 22	
TOB. MAYER	105 28 10		T. MAY. 16 29 12	
DE ZACH	105 28 5		BARRY 16 29 9	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 5,″10 —		— 2,″62 +	
10	+ 1, 52 —	3,″58	2, 33	0,″29
20	— 2, 06 +	3, 58	1, 93	0, 40
1 0 7	5, 63	3, 57	1, 52	0, 41
10	9, 00	3, 37	1, 03	0, 49
20	12, 11	3, 11	0, 53	0, 50
2 0 8	14, 86	2, 75	— 0, 02 +	0, 51
10	17, 13	2, 27	+ 0, 52 —	0, 54
20	18, 90	1, 77	1, 04	0, 52
3 0 9	20, 11	1, 21	1, 52	0, 48
10	20, 69	0, 58	1, 95	0, 43
20	20, 64	0, 05	2, 33	0, 38
4 0 10	19, 95	0, 69	2, 63	0, 30
10	18, 68	1, 27	2, 85	0, 22
20	16, 82	1, 86	3, 00	0, 15
5 0 11	14, 48	2, 34	3, 03	0, 03
10	11, 67	2, 81	2, 97	0, 06
20	8, 52	3, 15	2, 84	0, 13

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″75 —		+ 9,″18 —	
10	— 2, 45 +	3,″20	9, 38	0,″20
20	5, 58	3, 13	9, 28	0, 10
1 0 7	8, 53	2, 95	8, 90	0, 38
10	11, 23	2, 70	8, 26	0, 64
20	13, 58	2, 35	7, 36	0, 90
2 0 8	15, 55	1, 97	6, 24	1, 12
10	17, 02	1, 47	4, 93	1, 31
20	17, 97	0, 95	3, 46	1, 47
3 0 9	18, 37	0, 40	1, 89	1, 57
10	18, 22	0, 15	+ 0, 26 —	1, 63
20	17, 53	0, 69	— 1, 36 +	1, 62
4 0 10	16, 30	1, 23	2, 94	1, 58
10	14, 56	1, 74	4, 46	1, 52
20	12, 39	2, 17	5, 83	1, 37
5 0 11	9, 83	2, 56	7, 01	1, 18
10	7, 00	2, 83	7, 98	0, 97
20	3, 94	3, 06	8, 71	0, 73

♊ Geminorum. 7. 52

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	105° 36′ 38″	+ 55,″12	CAILLE 25°13′ 8″	— 5,″35
TOB. MAYER	105 36 44		T. MAY. 25 13 13	
DE ZACH	105 36 44		BARRY 25 13 12	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♈ 0 0 6	+ 5,″44 —		+ 0,″33 —	
10	1, 66	3,″78	0, 71	0,″38
20	— 2, 17 +	3, 83	1, 08	0, 37
1 0 7	5, 94	3, 77	1, 43	0, 35
10	9, 51	3, 57	1, 71	0, 28
20	12, 80	3, 29	1, 96	0, 25
2 0 8	15, 73	2, 93	2, 16	0, 20
10	18, 14	2, 41	2, 26	0, 10
20	20, 01	1, 87	2, 31	0, 05
3 0 9	21, 30	1, 29	2, 29	0, 02
10	21, 93	0, 63	2, 19	0, 10
20	21, 93	0, 00	2, 05	0, 14
4 0 10	21, 16	0, 77	1, 81	0, 24
10	19, 81	1, 35	1, 56	0, 25
20	17, 85	1, 96	1, 23	0, 33
5 0 11	15, 40	2, 45	0, 87	0, 36
10	12, 40	3, 00	0, 49	0, 38
20	9, 05	3, 35	0, 10	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♈ 0 0 6	+ 1,″21 —		+ 9,″17 —	
10	— 2, 21 +	3,″42	9, 38	0,″21
20	5, 56	3, 35	9, 29	0, 09
1 0 7	8, 73	3, 17	8, 90	0, 39
10	11, 66	2, 93	8, 26	0, 64
20	14, 21	2, 55	7, 36	0, 90
2 0 8	16, 35	2, 14	6, 25	1, 11
10	17, 98	1, 63	4, 94	1, 31
20	19, 07	1, 09	3, 47	1, 47
3 0 9	19, 57	0, 50	1, 90	1, 57
10	19, 48	0, 09	+ 0, 28 —	1, 62
20	18, 81	0, 67	— 1, 35 +	1, 63
4 0 10	17, 55	1, 26	2, 93	1, 58
10	15, 76	1, 79	4, 45	1, 52
20	13, 50	2, 26	5, 82	1, 37
5 0 11	10, 82	2, 68	7, 00	1, 18
10	7, 83	2, 99	7, 97	0, 97
20	4, 64	3, 19	8, 70	0, 73

2 λ Geminorum ad Poplitem dextr. sequentis Gemini. 5. 54

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	106° 38′ 54″	+ 51,″56	BRADL. 16° 53′ 18″	— 5,″70
DE LA CAILLE	106 38 44		CAILLE 16 53 33	
TOB. MAYER	106 38 50		T. MAY. 16 53 22	
DE ZACH	106 38 49		BARRY 16 53 19	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
☌ 0 0 6	+ 5,″48 —		— 2,″52 +	
10	1, 90	3,″58	2, 19	0,″33
20	— 1, 71 +	3, 61	1, 79	0, 40
☌ 1 0 7	5, 28	3, 57	1, 36	0, 43
10	8, 68	3, 40	0, 86	0, 50
20	11, 82	3, 14	— 0, 35 +	0, 51
☌ 2 0 8	14, 62	2, 80	+ 0, 16 —	0, 51
10	16, 94	2, 32	0, 69	0, 53
20	18, 77	1, 83	1, 20	0, 51
☌ 3 0 9	20, 03	1, 26	1, 66	0, 46
10	20, 67	0, 64	2, 07	0, 41
20	20, 70	0, 03	2, 42	0, 35
☌ 4 0 10	20, 08	0, 62	2, 70	0, 28
10	18, 86	1, 22	2, 88	0, 18
20	17, 06	1, 80	2, 99	0, 11
☌ 5 0 11	14, 76	2, 30	3, 01	0, 02
10	12, 00	2, 76	2, 93	0, 08
20	8, 91	3, 09	2, 78	0, 15

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☌ 0 0 6	+ 0,″83 —		+ 9,″14 —	
10	— 2, 39 +	3,″22	9, 35	0,″21
20	5, 53	3, 14	9, 28	0, 07
☌ 1 0 7	8, 48	2, 95	8, 91	0, 37
10	11, 21	2, 73	8, 31	0, 60
20	13, 57	2, 36	7, 42	0, 89
☌ 2 0 8	15, 54	1, 97	6, 33	1, 09
10	17, 03	1, 49	5, 04	1, 29
20	18, 00	0, 97	3, 58	1, 46
☌ 3 0 9	18, 41	0, 41	2, 02	1, 56
10	18, 28	0, 13	+ 0, 40 —	1, 62
20	17, 59	0, 69	— 1, 22 +	1, 62
☌ 4 0 10	16, 36	1, 23	2, 79	1, 57
10	14, 64	1, 72	4, 31	1, 52
20	12, 47	2, 17	5, 71	1, 40
☌ 5 0 11	9, 92	2, 55	6, 90	1, 19
10	7, 08	2, 84	7, 89	0, 99
20	4, 02	3, 06	8, 64	0, 75

♊ Geminorum, in inguine ſiniſtro ſequentis Gemini. 3. 55

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	107° 2′ 25″		BRADL. 22°20′15″	
DE LA CAILLE	107 2 19		CAILLE 22 20 20	
TOB. MAYER	107 2 27		T. MAY. 22 20 17	
DE LAMBRE	107 2 29	+	L.LAND. 22 20 25	—
DE ZACH	107 2 28	53,″91	BARRY 22 20 14	5,″82

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 5,″81 —		— 0,″73 +	
10	2, 12	3,″69	0, 31	0,″42
20	— 1, 63 +	3, 75	+ 0, 10 —	0, 41
		3, 69		0, 41
1 0 7	5, 32		0, 51	
10	8, 84	3, 52	0, 95	0, 44
20	12, 11	3, 27	1, 26	0, 31
		2, 87		0, 31
2 0 8	14, 98		1, 57	
10	17, 44	2, 46	1, 81	0, 24
20	19, 35	1, 91	2, 06	0, 25
		1, 33		0, 16
3 0 9	20, 68		2, 22	
10	21, 37	0, 69	2, 28	0, 06
20	21, 42	0, 05	2, 34	0, 06
		0, 62		0, 06
4 0 10	20, 80		2, 28	
10	19, 57	1, 23	2, 13	0, 15
20	17, 73	1, 84	1, 98	0, 15
		2, 37		0, 26
5 0 11	15, 36		1, 72	
10	12, 51	2, 85	1, 41	0, 31
20	9, 30	3, 21	1, 09	0, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″15 —		+ 9,″12 —	
10	— 2, 20 +	3,″35	9, 34	0,″22
20	5, 50	3, 30	9, 29	0, 05
		3, 07		0, 36
1 0 7	8, 57		8, 93	
10	11, 43	2, 86	8, 32	0, 61
20	13, 92	2, 49	7, 45	0, 87
		2, 09		1, 09
2 0 8	16, 01		6, 36	
10	17, 60	1, 59	5, 08	1, 28
20	18, 65	1, 05	3, 63	1, 45
		0, 49		1, 56
3 0 9	19, 14		2, 07	
10	19, 04	0, 10	+ 0, 45 —	1, 62
20	18, 38	0, 66	— 1, 17 +	1, 62
		1, 23		1, 58
4 0 10	17, 15		2, 75	
10	15, 40	1, 75	4, 27	1, 52
20	13, 18	2, 22	5, 66	1, 39
		2, 63		1, 20
5 0 11	10, 55		6, 86	
10	7, 63	2, 92	7, 85	0, 99
20	4, 45	3, 18	8, 62	0, 77

q Geminorum. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	107° 32′ 4″		BRADL. 20° 48′ 26″	
DE LA CAILLE	107 31 58		CAILLE 20 48 33	
TOB. MAYER	107 31 58		T. MAY. 20 48 31	
DE ZACH	107 31 58	+ 53,″30	BARRY 20 48 30	— 5,″99

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 5,″90 —		— 1,″23 +	
10	2, 26	3,″64	0, 83	0,″40
20	— 1, 43 +	3, 69	— 0, 42 +	0, 41
1 0 7	5, 09	3, 66	+ 0, 01 —	0, 43
10	8, 60	3, 51	0, 43	0, 42
20	11, 83	3, 23	0, 84	0, 41
2 0 8	14, 73	2, 90	1, 22	0, 38
10	17, 14	2, 41	1, 59	0, 37
20	19, 06	1, 92	1, 89	0, 30
3 0 9	20, 40	1, 34	2, 14	0, 25
10	21, 12	0, 72	2, 32	0, 18
20	21, 18	0, 06	2, 44	0, 12
4 0 10	20, 60	0, 58	2, 48	0, 04
10	19, 42	1, 18	2, 43	0, 05
20	17, 62	1, 80	2, 32	0, 11
5 0 11	15, 30	2, 32	2, 14	0, 18
10	12, 52	2, 78	1, 93	0, 21
20	9, 35	3, 17	1, 59	0, 34

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″09 —		+ 9,″09 —	
10	— 2, 22 +	3,″31	9, 32	0,″23
20	5, 45	3, 23	9, 28	0, 04
1 0 7	8, 51	3, 06	8, 93	0, 35
10	11, 33	2, 82	8, 34	0, 59
20	13, 79	2, 46	7, 48	0, 86
2 0 8	15, 85	2, 06	6, 39	1, 09
10	17, 42	1, 57	5, 12	1, 27
20	18, 45	1, 03	3, 68	1, 44
3 0 9	18, 87	0, 42	2, 12	1, 56
10	18, 82	0, 05	+ 0, 52 —	1, 60
20	18, 16	0, 66	— 1, 11 +	1, 63
4 0 10	16, 93	1, 23	2, 69	1, 58
10	15, 20	1, 73	4, 21	1, 52
20	13, 00	2, 20	5, 61	1, 40
5 0 11	10, 40	2, 60	6, 80	1, 19
10	7, 50	2, 90	7, 81	1, 01
20	4, 36	3, 14	8, 58	0, 77

A Geminorum, in dextr. latere antecedentis Gemini. 5. 57

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	107° 48′ 56″	+ 55,″11	CAILLE 25°25′17″	— 6,″08
TOB. MAYER	107 49 5		T. MAY. 25 25 21	
DE ZACH	107 48 59		BARRY 25 25 18	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 6,″22 —		+ 0,″29 —	
10	2, 46	3,″76	0, 75	0,″46
20	— 1, 38 +	3, 84	1, 18	0, 43
1 0 7	5, 16	3, 78	1, 58	0, 40
10	8, 80	3, 64	1, 91	0, 33
20	12, 16	3, 36	2, 20	0, 29
2 0 8	15, 17	3, 01	2, 42	0, 22
10	17, 68	2, 51	2, 56	0, 14
20	19, 69	2, 01	2, 64	0, 08
3 0 9	21, 08	1, 39	2, 63	0, 01
10	21, 83	0, 75	2, 53	0, 10
20	21, 93	0, 10	2, 36	0, 17
4 0 10	21, 36	0, 57	2, 11	0, 25
10	20, 14	1, 22	1, 82	0, 29
20	18, 29	1, 85	1, 48	0, 34
5 0 11	15, 92	2, 37	1, 07	0, 41
10	13, 04	2, 88	0, 63	0, 44
20	9, 78	3, 26	0, 16	0, 47

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″38 —		+ 9,″08 —	
10	— 2, 04 +	3,″42	9, 32	0,″24
20	5, 40	3, 36	9, 28	0, 04
1 0 7	8, 57	3, 17	8, 93	0, 35
10	11, 52	2, 95	8, 35	0, 58
20	14, 09	2, 57	7, 49	0, 86
2 0 8	16, 25	2, 16	6, 41	1, 08
10	17, 92	1, 67	5, 15	1, 26
20	19, 03	1, 11	3, 71	1, 44
3 0 9	19, 56	0, 53	2, 15	1, 56
10	19, 50.	0, 06	+ 0, 55 —	1, 60
20	18, 87	0, 63	— 1, 07 +	1, 62
4 0 10	17, 63	1, 24	2, 65	1, 58
10	15, 88	1, 75	4, 19	1, 54
20	13, 63	2, 25	5, 57	1, 38
5 0 11	10, 96	2, 67	6, 78	1, 21
10	8, 00	2, 96	7, 78	1, 00
20	4, 77	3, 23	8, 56	0, 78

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	108° 19′ 32″	+ 56,″24	BRADL. 28° 10′ 59″	— 6,″25
DE LA CAILLE	108 19 13		CAILLE 28 10 55	
TOB. MAYER	108 19 24		T. MAY. 28 11 1	
DE ZACH	108 19 18		BARRY 28 10 58	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 6,″55 —		+ 1,″19 —	
10	2, 70	3,″85	1, 69	0,″50
20	— 1, 24 +	3, 94	2, 14	0, 45
1 0 7	5, 11	3, 87	2, 52	0, 38
10	8, 85	3, 74	2, 83	0, 31
20	12, 29	3, 44	3, 05	0, 22
2 0 8	15, 41	3, 12	3, 17	0, 12
10	18, 01	2, 60	3, 19	0, 02
20	20, 08	2, 07	3, 11	0, 08
3 0 9	21, 54	1, 46	2, 96	0, 15
10	22, 35	0, 81	2, 72	0, 24
20	22, 48	0, 13	2, 39	0, 33
4 0 10	21, 92	0, 56	1, 96	0, 43
10	20, 72	1, 20	1, 53	0, 43
20	18, 86	1, 86	0, 99	0, 54
5 0 11	16, 43	2, 43	+ 0, 44 —	0, 55
10	13, 51	2, 92	— 0, 12 +	0, 56
20	10, 19	3, 32	0, 65	0, 53

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″60 —		+ 9,″06 —	
10	— 1, 89 +	3,″49	9, 31	0,″25
20	5, 33	3, 44	9, 28	0, 03
1 0 7	8, 58	3, 25	8, 93	0, 35
10	11, 60	3, 02	8, 36	0, 57
20	14, 25	2, 65	7, 52	0, 84
2 0 8	16, 49	2, 24	6, 44	1, 08
10	18, 22	1, 73	5, 19	1, 25
20	19, 33	1, 11	3, 76	1, 43
3 0 9	19, 96	0, 63	2, 21	1, 55
10	19, 93	0, 03	+ 0, 62 —	1, 59
20	19, 32	0, 61	— 1, 01 +	1, 63
4 0 10	18, 09	1, 23	2, 59	1, 58
10	16, 32	1, 77	4, 12	1, 53
20	14, 06	2, 26	5, 52	1, 40
5 0 11	11, 36	2, 70	6, 74	1, 22
10	8, 34	3, 02	7, 73	0, 99
20	5, 05	3, 29	8, 53	0, 80

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	108° 47′ 9″		CAILLE 20°38′51″	
DE ZACH	108 47 3	+ 53,″19	BARRY 20 38 40	— 6,″41

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0	0	6	+ 6,″30 —		— 1,″32 +	
	10		2, 70	3,″60	0, 91	0,″41
	20		— 0, 98 +	3, 68	0, 47	0, 44
1	0	7	4, 65	3, 67	— 0, 02 +	0, 45
	10		8, 18	3, 53	+ 0, 43 —	0, 45
	20		11, 44	3, 26	0, 88	0, 45
2	0	8	14, 37	2, 93	1, 32	0, 44
	10		17, 08	2, 71	1, 69.	0, 37
	20		18, 82	1, 74	2, 02	0, 33
3	0	9	20, 22	1, 40	2, 27	0, 25
	10		21, 00	0, 78	2, 45	0, 18
	20		21, 17	0, 17	2, 58	0, 13
4	0	10	20, 68	0, 49	2, 62	0, 04
	10		19, 56	1, 12	2, 61	0, 01
	20		17, 84	1, 72	2, 48	0, 13
5	0	11	15, 58	2, 26	2, 29	0, 19
	10		12, 87	2, 71	2, 03	0, 26
	20		9, 75	3, 12	1, 71	0, 32

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0	0	6	+ 1,″16 —		+ 9,″03 —	
	10		— 1, 99 +	3,″15	9, 28	0,″25
	20		5, 38	3, 39	9, 27	0, 01
1	0	7	8, 43	3, 05	8, 95	0, 32
	10		11, 25	2, 82	8, 39	0, 56
	20		13, 71	2, 46	7, 57	0, 82
2	0	8	15, 78	2, 07	6, 50	1, 07
	10		17, 35	1, 57	5, 26	1, 24
	20		18, 40	1, 05	3, 85	1, 41
3	0	9	18, 88	0, 48	2, 30	1, 55
	10		18, 79	0, 09	+ 0, 71 —	1, 59
	20		18, 15	0, 64	— 0, 92 +	1, 63
4	0	10	16, 93	1, 22	2, 50	1, 58
	10		15, 21	1, 72	4, 03	1, 53
	20		13, 02	2, 19	5, 43	1, 40
5	0	11	10, 44	2, 58	6, 65	1, 22
	10		7, 56	2, 88	7, 68	1, 03
	20		4, 43	3, 13	8, 48	0, 80

♂ (vel ☿) Geminorum. 5. 62

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	109° 3′ 13″	+ 57,″96	T. MAY. 32° 9′ 57″	— 6,″50
DE ZACH	109 3 19		BARRY 32 10 6	

Long. ⊙	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♊ 0 0 6	+ 7,″05 —		+ 2,″47 —	
10	3, 07	3,″98	3, 00	0,″53
20	— 1, 00 +	4, 07	3, 50	0, 50
1 0 7	5, 06	4, 06	3, 88	0, 38
10	8, 95	3, 89	4, 13	0, 25
20	12, 57	3, 62	4, 24	0, 11
2 0 8	15, 83	3, 26	4, 24	0, 00
10	18, 58	2, 75	4, 10	0, 14
20	20, 78	2, 20	3, 83	0, 27
3 0 9	22, 33	1, 55	3, 47	0, 36
10	23, 23	0, 90	2, 99	0, 48
20	23, 40	0, 17	2, 41	0, 58
4 0 10	22, 87	0, 53	1, 77	0, 64
10	21, 65	1, 22	1, 08	0, 69
20	19, 75	1, 90	+ 0, 33 —	0, 75
5 0 11	17, 27	2, 48	— 0, 41 +	0, 74
10	14, 28	2, 99	1, 13	0, 72
20	10, 84	3, 44	1, 82	0, 69

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♊ 0 0 6	+ 1,″95 —		+ 9,″03 —	
10	— 1, 65 +	3,″60	9, 28	0,″25
20	5, 21	3, 56	9, 27	0, 01
1 0 7	8, 58	3, 37	8, 95	0, 32
10	11, 72	3, 14	8, 39	0, 56
20	14, 50	2, 78	7, 57	0, 82
2 0 8	16, 85	2, 35	6, 50	1, 07
10	18, 67	1, 82	5, 26	1, 24
20	19, 92	1, 25	3, 85	1, 41
3 0 9	20, 57	0, 65	2, 30	1, 55
10	20, 59	0, 02	+ 0, 71 —	1, 59
20	20, 01	0, 58	— 0, 92 +	1, 63
4 0 10	18, 80	1, 21	2, 50	1, 58
10	17, 02	1, 78	4, 03	1, 53
20	14, 72	2, 30	5, 43	1, 40
5 0 11	11, 97	2, 75	6, 65	1, 22
10	8, 88	3, 09	7, 68	1, 03
20	5, 50	3, 38	8, 48	0, 80

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	108° 57′ 54″	+ 53,″63	BRADL. 21° 50′ 31″	— 6,″46
DE LA CAILLE	108 57 35		CAILLE 21 50 31	
TOB. MAYER	108 57 49		T. MAY. 21 50 35	
DE ZACH	108 57 46		BARRY 51 50 49	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 6,″43 —		— 0,″91 +	
10	2, 80	3,″63	0, 53	0,″38
20	— 0, 92 +	3, 72	— 0, 07 +	0, 46
1 0 7	4, 61	3, 69	+ 0, 40 —	0, 47
10	8, 17	3, 56	0, 88	0, 48
20	11, 46	3, 29	1, 34	0, 46
2 0 8	14, 44	2, 98	1, 69	0, 35
10	16, 95	2, 51	2, 00	0, 31
20	18, 90	1, 95	2, 22	0, 22
3 0 9	20, 36	1, 46	2, 41	0, 19
10	21, 18	0, 82	2, 55	0, 14
20	21, 34	0, 16	2, 60	0, 05
4 0 10	20, 86	0, 48	2, 61	0, 01
10	19, 75	1, 11	2, 58	0, 03
20	18, 01	1, 74	2, 48	0, 10
5 0 11	15, 75	2, 26	2, 15	0, 33
10	13, 03	2, 72	1, 79	0, 36
20	9, 89	3, 14	1, 37	0, 42

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″24 —		+ 9,″03 —	
10	— 2, 08 +	3,″32	9, 28	0,″25
20	5, 35	3, 27	9, 27	0, 01
1 0 7	8, 43	3, 08	8, 95	0, 32
10	11, 28	2, 85	8, 39	0, 56
20	13, 78	2, 50	7, 57	0, 82
2 0 8	15, 87	2, 09	6, 50	1, 07
10	17, 47	1, 60	5, 26	1, 24
20	18, 54	1, 07	3, 85	1, 41
3 0 9	19, 04	0, 50	2, 30	1, 55
10	18, 96	0, 08	+ 0, 71 —	1, 59
20	18, 32	0, 64	— 0, 92 +	1, 63
4 0 10	17, 11	1, 21	2, 50	1, 58
10	15, 39	1, 72	4, 03	1, 53
20	13, 19	2, 20	5, 43	1, 40
5 0 11	10, 59	2, 60	6, 65	1, 22
10	7, 69	2, 90	7, 68	1, 03
20	4, 54	3, 15	8, 48	0, 80

1 ad *b* Geminorum. 6. 64

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	109° 12′ 48″		CAILLE 28° 31′ 5″	
TOB. MAYER	109 12 58		T. MAY. 28 31 5	
DE ZACH	109 12 53	+ 56,″32	BARRY 28 31 4	— 6,″55

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 6,″86 —		+ 1,″24 —	
10	3, 04	3,″82	1, 79	0,″55
20	— 0, 89 +	3, 93	2, 27	0, 48
		3, 90		0, 41
1 0 7	4, 79		2, 68	
10	8, 56	3, 77	2, 99	0, 31
20	12, 04	3, 48	3, 21	0, 22
		3, 15		0, 14
2 0 8	15, 19		3, 35	
10	17, 86	2, 67	3, 37	0, 02
20	19, 98	2, 12	3, 30	0, 07
		1, 51		0, 18
3 0 9	21, 49		3, 12	
10	22, 36	0, 87	2, 89	0, 23
20	22, 55	0, 19	2, 54	0, 35
		0, 49		0, 45
4 0 10	22, 06		2, 09	
10	20, 88	1, 18	1, 60	0, 49
20	19, 06	1, 82	1, 05	0, 55
		2, 38		0, 58
5 0 11	16, 68		+ 0, 47 —	
10	13, 82	2, 86	— 0, 13 +	0, 60
20	10, 52	3, 30	0, 70	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″70 —		+ 9,″02 —	
10	— 1, 80 +	3,″50	9, 28	0,″26
20	5, 25	3, 45	9, 27	0, 01
		3, 26		0, 32
1 0 7	8, 51		8, 95	
10	11, 54	3, 03	8, 40	0, 55
20	14, 22	2, 68	7, 59	0, 81
		2, 25		1, 07
2 0 8	16, 47		6, 52	
10	18, 21	1, 74	5, 28	1, 24
20	19, 40	1, 19	3, 87	1, 41
		0, 59		1, 54
3 0 9	19, 99		2, 33	
10	19, 97	0, 02	+ 0, 74 —	1, 59
20	19, 38	0, 59	— 0, 89 +	1, 63
		1, 21		1, 59
4 0 10	18, 17		2, 48	
10	16, 41	1, 76	4, 00	1, 52
20	14, 16	2, 25	5, 39	1, 39
		2, 70		1, 23
5 0 11	11, 46		6, 62	
10	8, 45	3, 01	7, 67	1, 05
20	5, 15	3, 30	8, 47	0, 80

α In capite præcedentis Gemini, CASTOR vel APOLLO. 2. 66

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	110° 27′ 23″	+ 57.″92	BRADL. 32° 18′ 49″	— 6.″95
DE LA CAILLE	110 27 18		CAILLE 32 18 53	
TOB. MAYER	110 27 14		T. MAY. 32 18 51	
MASKELYNE	110 27 9		MASKEL. 32 18 41	
			BARRY 32 19 7	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 7,″60 —		+ 2,″44 —	
10	3, 62	3,″98	3, 03	0,″59
20	— 0, 43 +	4, 05	3, 57	0, 54
		4, 08		0, 41
1 0 7	4, 51		3, 98	
10	8, 43	3, 92	4, 28	0, 30
20	12, 09	3, 66	4, 48	0, 20
		3, 32		0, 01
2 0 8	15, 41		4, 47	
10	18, 23	2, 82	4, 35	0, 12
20	20, 51	2, 28	4, 08	0, 27
		1, 65		0, 34
3 0 9	22, 16		3, 74	
10	23, 15	0, 99	3, 27	0, 47
20	23, 42	0, 27	2, 67	0, 60
		0, 43		0, 67
4 0 10	22, 99		2, 00	
10	21, 86	1, 13	1, 29	0, 71
20	20, 06	1, 80	+ 0, 53 —	0, 76
		2, 41		0, 77
5 0 11	17, 65		— 0, 24 +	
10	14, 71	2, 94	1, 01	0, 77
20	11, 34	3, 37	1, 72	0, 71

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″11 —		+ 9,″94 —	
10	— 1, 50 +	3,″61	9, 23	0,″71
20	5, 06	3, 56	9, 24	0, 01
		3, 38		0, 26
1 0 7	8, 44		8, 98	
10	11, 59	3, 15	8, 45	0, 53
20	14, 38	2, 79	7, 65	0, 80
		2, 37		1, 03
2 0 8	16, 75		6, 62	
10	18, 60	1, 85	5, 39	1, 23
20	19, 88	1, 28	4, 00	1, 39
		0, 68		1, 52
3 0 9	20, 56		2, 48	
10	20, 60	0, 04	+ 0, 90 —	1, 58
20	20, 05	0, 55	— 0, 71 +	1, 61
		1, 19		1, 62
4 0 10	18, 86		2, 33	
10	17, 10	1, 76	3, 84	1, 51
20	14, 83	2, 27	5, 25	1, 41
		2, 73		1, 24
5 0 11	12, 10		6, 49	
10	9, 04	3, 06	7, 54	1, 05
20	5, 65	3, 39	8, 37	0, 83

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	111° 19′ 35″	+ 59,″15	FLAMST. 35° 2′ 2″	— 7,″22
DE ZACH	111 31 13		BARRY 35 1 46	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″23 —		+ 3,″28 —	
10	4, 13	4,″10	3, 94	0,″66
20	— 0, 06 +	4, 19	4, 52	0, 58
1 0 7	4, 25	4, 19	4, 94	0, 42
10	8, 54	4, 29	5, 20	0, 26
20	12, 14	3, 60	5, 32	0, 12
2 0 8	15, 57	3, 43	5, 28	0, 04
10	18, 54	2, 97	5, 07	0, 21
20	20, 96	2, 42	4, 69	0, 38
3 0 9	22, 72	1, 76	4, 21	0, 48
10	23, 79	1, 07	3, 56	0, 65
20	24, 14	0, 35	2, 82	0, 74
4 0 10	23, 78	0, 36	2, 00	0, 82
10	22, 68	1, 10	1, 12	0, 88
20	20, 88	1, 80	+ 0, 20 —	0, 92
5 0 11	18, 45	2, 43	— 0, 73 +	0, 93
10	15, 47	2, 98	1, 64	0, 91
20	12, 02	3, 45	2, 48	0, 84

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″46 —		+ 8,″89 —	
10	— 1, 24 +	3,″70	9, 18	0,″29
20	4, 88	3, 64	9, 22	0, 04
1 0 7	8, 35	3, 47	8, 97	0, 25
10	11, 59	3, 24	8, 46	0, 51
20	14, 48	2, 89	7, 70	0, 76
2 0 8	16, 95	2, 47	6, 67	1, 03
10	18, 88	1, 93	5, 47	1, 20
20	20, 23	1, 35	4, 10	1, 37
3 0 9	20, 98	0, 75	2, 59	1, 51
10	21, 07	0, 09	+ 1, 03 —	1, 56
20	20, 57	0, 50	— 0, 59 +	1, 62
4 0 10	19, 39	1, 18	2, 19	1, 60
10	17, 73	1, 66	3, 71	1, 52
20	15, 30	2, 43	5, 14	1, 43
5 0 11	12, 60	2, 70	6, 38	1, 24
10	9, 50	3, 10	7, 43	1, 05
20	6, 06	3, 44	8, 28	0, 85

TOB. MAYER	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE ZACH	112° 41′ 29″	+ 56,″45	T. MAY. 29°21′28″	— 7,″66
			BARRY 29 21 18	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″12 —		+ 1,″35 —	
10	4, 31	3,″81	1, 98	0,″63
20	+ 0, 39 —	3, 92	2, 56	0, 58
		3, 95		0, 50
1 0 7	— 3, 56 +		3, 06	
10	7, 39	3, 83	3, 47	0, 41
20	11, 00	3, 61	3, 77	0, 30
		3, 27		0, 19
2 0 8	14, 27		3, 96	
10	17, 11	2, 84	4, 03	0, 07
20	19, 43	2, 32	3, 95	0, 08
		1, 73		0, 17
3 0 9	21, 16		3, 78	
10	22, 25	1, 09	3, 48	0, 30
20	22, 67	0, 42	3, 08	0, 40
		0, 31		0, 48
4 0 10	22, 36		2, 60	
10	21, 43	0, 93	2, 02	0, 58
20	19, 80	1, 63	1, 40	0, 62
		2, 19		0, 69
5 0 11	17, 61		0, 71	
10	14, 86	2, 75	+ 0, 03 —	0, 68
20	11, 67	3, 19	— 0, 66 +	0, 69

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″07 —		+ 8,″81 —	
10	— 1, 45 +	3,″52	9, 12	0,″31
20	4, 92	3, 47	9, 20	0, 08
		3, 21		0, 21
1 0 7	8, 13		8, 99	
10	11, 29	3, 16	8, 49	0, 50
20	14, 01	2, 72	7, 76	0, 73
		2, 31		0, 99
2 0 8	16, 32		6, 77	
10	18, 12	1, 80	5, 58	1, 19
20	19, 37	1, 25	4, 22	1, 36
		0, 65		1, 49
3 0 9	20, 02		2, 73	
10	20, 08	0, 06	+ 1, 16 —	1, 57
20	19, 54	0, 54	— 0, 44 +	1, 60
		1, 16		1, 59
4 0 10	18, 38		2, 03	
10	16, 67	1, 71	3, 56	1, 53
20	14, 47	2, 20	4, 99	1, 43
		2, 67		1, 25
5 0 11	11, 80		6, 24	
10	8, 81	2, 99	7, 32	1, 08
20	5, 52	3, 29	8, 18	0, 86

ε Geminorum. 6. 76

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	112° 58′ 27″	+ 55,″14	T. MAY. 26° 14′ 56″	— 7,″75
DE ZACH	112 58 25		BARRY 26 14 54	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 7,″99 —		+ 0,″31 —	
10	4, 30	3,″69	0, 94	0,″63
20	+ 0, 49 —	3, 81	1, 48	0, 54
1 0 7	— 3, 35 +	3, 84	2, 00	0, 52
10	7, 08	3, 73	2, 47	0, 47
20	10, 59	3, 51	2, 84	0, 37
2 0 8	13, 78	3, 19	3, 16	0, 32
10	16, 55	2, 77	3, 41	0, 25
20	18, 83	2, 28	3, 46	0, 05
3 0 9	20, 53	1, 70	3, 45	0, 01
10	21, 60	1, 07	3, 41	0, 04
20	22, 03	0, 43	3, 14	0, 27
4 0 10	21, 78	0, 25	2, 83	0, 31
10	20, 86	0, 92	2, 50	0, 33
20	19, 31	1, 55	2, 00	0, 50
5 0 11	17, 18	2, 13	1, 48	0, 52
10	14, 53	2,.65	0, 94	0, 54
20	11, 43	3, 10	0, 32	0, 62

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″84 —		+ 8,″79 —	
10	— 1, 60 +	3,″44	9, 12	0,″33
20	4, 98	3, 38	9, 20	0, 08
1 0 7	8, 18	3, 20	8, 99	0, 21
10	11, 17	2, 99	8, 50	0, 49
20	13, 80	2, 63	7, 78	0, 72
2 0 8	16, 04	2, 24	6, 79	0, 99
10	17, 77	1, 73	5, 61	1, 18
20	18, 96	1, 19	4, 25	1, 36
3 0 9	19, 57	0, 61	2, 77	1, 48
10	19, 59	0, 02	+ 1, 20 —	1, 57
20	19, 03	0, 56	— 0, 40 +	1, 60
4 0 10	17, 86	1, 17	1, 98	1, 58
10	16, 17	1, 69	3, 52	1, 54
20	13, 99	2, 18	4, 95	1, 43
5 0 11	11, 37	2, 62	6, 21	1, 26
10	8, 44	2, 93	7, 29	1, 08
20	5, 21	3, 23	8, 15	0, 86

* Geminorum in sequente humero sequent. Gemini. 4. 77

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	113° 5′ 24″	+ 54,″59	BRADL. 24°51′56″	— 7,″82
DE LA CAILLE	113 5 23		CAILLE 24 51 56	
TOB. MAYER	113 5 20		T. MAY. 24 51 53	
DE ZACH	113 5 19		BARRY 24 51 55	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 7,″94 —		— 0,″13 +	
10	4, 29	3,″65	+ 0, 45 —	0,″58
20	+ 0, 53 —	3, 76	1, 01	0, 56
		3, 80		0, 53
1 0 7	— 3, 27 +		1, 54	
10	7, 00	3, 73	2, 05	0, 51
20	10, 44	3, 44	2, 44	0, 39
		3, 15		0, 35
2 0 8	13, 59		2, 79	
10	16, 36	2, 77	3, 06	0, 27
20	18, 59	2, 23	3, 23	0, 17
		1, 68		0, 07
3 0 9	20, 27		3, 30	
10	21, 35	1, 08	3, 26	0, 04
20	21, 78	0, 43	3, 14	0, 12
		0, 24		0, 22
4 0 10	21, 54		2, 92	
10	20, 63	0, 91	2, 61	0, 31
20	19, 10	1, 53	2, 22	0, 39
		2, 09		0, 46
5 0 11	17, 01		1, 76	
10	14, 38	2, 63	1, 25	0, 51
20	11, 30	3, 08	0, 70	0, 55

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″74 —		+ 8,″78 —	
10	— 1, 66 +	3,″40	9, 11	0,″33
20	5, 01	3, 35	9, 20	0, 09
		3, 16		0, 21
1 0 7	8, 17		8, 99	
10	11, 12	2, 95	8, 50	0, 49
20	13, 72	2, 60	7, 78	0, 72
		2, 20		0, 98
2 0 8	15, 92		6, 80	
10	17, 62	1, 70	5, 62	1, 18
20	18, 78	1, 16	4, 27	1, 35
		0, 59		1, 49
3 0 9	19, 37		2, 78	
10	19, 38	0, 01	+ 1, 22 —	1, 56
20	18, 80	0, 58	— 0, 39 +	1, 61
		1, 16		1, 58
4 0 10	17, 64		1, 97	
10	15, 95	1, 69	3, 51	1, 54
20	13, 78	2, 17	4, 93	1, 42
		2, 60		1, 27
5 0 11	11, 18		6, 20	
10	8, 27	2, 91	7, 28	1, 08
20	5, 09	3, 18	8, 14	0, 86

β In capite ſequentis Gemini POLLUX vel HERCULES. 2. 78

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	113° 16′ 29″	+ 56,″04	BRADL. 28° 29′ 50″	— 7,″86
DE LA CAILLE	113 16 21		CAILLE 28 29 53	
TOB. MAYER	113 16 19		T. MAY. 28 29 53	
MASKELYNE	113 15 51		MASKEL 28 29 47	
			BARRY 28 29 50	

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 8,″26 —		+ 1,″03 —	
10	4, 51	3,″75	1, 67	0,″64
20	+ 0, 61 —	3, 90	2, 26	0, 59
♌ 1 0 7	— 3, 30 +	3, 91	2, 79	0, 53
10	7, 11	3, 81	3, 22	0, 43
20	10, 72	3, 61	3, 56	0, 34
♌ 2 0 8	13, 97	3, 25	3, 78	0, 22
10	16, 81	2, 84	3, 89	0, 11
20	19, 15	2, 34	3, 91	0, 02
♌ 3 0 9	20, 90	1, 75	3, 77	0, 14
10	22, 01	1, 11	3, 55	0, 22
20	22, 54	0, 53	3, 23	0, 32
♌ 4 0 10	22, 23	0, 31	2, 84	0, 39
10	21, 32	0, 91	2, 32	0, 52
20	19, 75	1, 57	1, 66	0, 66
♌ 5 0 11	17, 60	2, 15	0, 98	0, 68
10	14, 91	2, 69	+ 0, 32 —	0, 66
20	11, 76	3, 15	— 0, 34 +	0, 66

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 2,″05 —		+ 8,″77 —	
10	— 1, 45 +	3,″50	9, 11	0,″34
20	4, 89	3, 44	9, 20	0, 09
♌ 1 0 7	8, 16	3, 27	9, 00	0, 20
10	11, 21	3, 05	8, 51	0, 49
20	13, 92	2, 71	7, 79	0, 72
♌ 2 0 8	16, 07	2, 15	6, 82	0, 97
10	18, 00	1, 93	5, 64	1, 18
20	19, 23	1, 23	4, 29	1, 35
♌ 3 0 9	19, 89	0, 66	2, 80	1, 49
10	19, 94	0, 05	+ 1, 24 —	1, 56
20	19, 40	0, 54	— 0, 35 +	1, 59
♌ 4 0 10	18, 24	1, 16	1, 94	1, 59
10	16, 55	1, 69	3, 48	1, 54
20	14, 36	2, 19	4, 90	1, 42
♌ 5 0 11	11, 71	2, 65	6, 18	1, 28
10	8, 74	2, 97	7, 26	1, 08
20	5, 47	3, 27	8, 12	0, 86

π Geminorum. 5. 80

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	113° 37′ 14″		FLAMST 33°53′36″	
DE ZACH	113 38 48	+ 58,″40	BARRY 33 53 35	— 7,″95

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″86 —		+ 2,″77 —	
10	4, 88	3,″98	3, 48	0,″71
20	+ 0, 76 —	4, 12	4, 09	0, 61
		4, 15		0, 53
1 0 7	— 3, 39 +		4, 62	
10	7, 41	4, 02	4, 98	0, 36
20	11, 34	3, 93	5, 19	0, 21
		3, 36		0, 06
2 0 8	14, 70		5, 25	
10	17, 71	3, 01	5, 15	0, 10
20	20, 28	2, 57	4, 87	0, 28
		1, 79		0, 42
3 0 9	22, 07		4, 45	
10	23, 26	1, 19	3, 91	0, 54
20	23, 80	0, 54	3, 23	0, 68
		0, 26		0, 76
4 0 10	23, 54		2, 47	
10	22, 60	0, 94	1, 62	0, 85
20	20, 96	1, 64	+ 0, 75 —	0, 87
		2, 26		0, 92
5 0 11	18, 70		— 0, 17 +	
10	15, 86	2, 84	1, 08	0, 91
20	12, 54	3, 32	1, 93	0, 85

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″57 —		+ 8,″74 —	
10	— 1, 02 +	3,″59	9, 09	0,″35
20	4, 69	3, 67	9, 18	0, 09
		3, 44		0, 19
1 0 7	8, 13		8, 99	
10	11, 35	3, 22	8, 51	0, 48
20	14, 22	2, 87	7, 80	0, 71
		2, 45		0, 96
2 0 8	16, 67		6, 84	
10	18, 87	2, 20	5, 66	1, 18
20	19, 95	1, 08	4, 31	1, 35
		0, 76		1, 47
3 0 9	20, 71		2, 84	
10	20, 84	0, 13	+ 1, 27 —	1, 57
20	20, 36	0, 48	— 0, 32 +	1, 59
		1, 14		1, 58
4 0 10	19, 22		1, 90	
10	17, 51	1, 71	3, 44	1, 54
20	15, 28	2, 23	4, 87	1, 43
		2, 72		1, 27
5 0 11	12, 56		6, 14	
10	9, 51	3, 05	7, 23	1, 09
20	6, 11	3, 40	8, 13	0, 90

g Geminorum media trium sequ. brachium sequentis Gemini. 6. 81

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	113° 38′ 7″	+ 52,″35	BRADL. 18° 59′ 10″	— 7,″99
DE LA CAILLE	113 37 55		CAILLE 18 59 14	
TOB. MAYER	113 37 59		T. MAY. 18 59 15	
DE ZACH	113 37 53		BARRY 18 59 13	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 7,″77 —		— 2,″07 +	
10	4, 28	3,″49	1, 58	0,″49
20	+ 0, 66 —	3, 62	1, 04	0, 54
		3, 63		0, 55
1 0 7	— 2, 97 +		— 0, 49 +	
10	6, 50	3, 53	+ 0, 09 —	0, 58
20	9, 95	3, 45	0, 66	0, 57
		2, 95		0, 56
2 0 8	12, 90		1, 22	
10	15, 55	2, 65	1, 74	0, 52
20	17, 80	2, 25	2, 21	0, 47
		1, 57		0, 40
3 0 9	19, 37		2, 61	
10	20, 42	1, 05	2, 92	0, 31
20	20, 89	0, 47	3, 16	0, 24
		0, 23		0, 14
4 0 10	20, 66		3, 30	
10	19, 84	0, 82	3, 34	0, 04
20	18, 40	1, 44	3, 26	0, 08
		1, 99		0, 16
5 0 11	16, 41		3, 10	
10	13, 92	2, 49	2, 83	0, 27
20	11, 01	2, 91	2, 49	0, 34

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″32 —		+ 8,″74 —	
10	— 1, 91 +	3,″23	9, 09	0,″35
20	5, 13	3, 22	9, 18	0, 09
		3, 02		0, 19
1 0 7	8, 15		8, 99	
10	10, 94	2, 79	8, 51	0, 48
20	13, 39	2, 45	7, 80	0, 71
		2, 06		0, 96
2 0 8	15, 45		6, 84	
10	17, 16	1, 71	5, 66	1, 18
20	18, 08	0, 92	4, 31	1, 35
		0, 51		1, 47
3 0 9	18, 59		2, 84	
10	18, 53	0, 06	+ 1, 27 —	1, 57
20	17, 92	0, 61	— 0, 32 +	1, 59
		1, 17		1, 58
4 0 10	16, 75		1, 90	
10	15, 08	1, 67	3, 44	1, 54
20	12, 96	2, 12	4, 87	1, 43
		2, 55		1, 27
5 0 11	10, 41		6, 14	
10	7, 60	2, 81	7, 23	1, 09
20	4, 52	3, 08	8, 13	0, 90

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	115° 18′ 31″		BRADL. 27°16′16″	
DE LA CAILLE	115 18 24		CAILLE 27 16 8	
TOB. MAYER	115 18 34		T. MAY. 27 16 16	
DE ZACH	115 18 29	+ 55,″39	BARRY 27 16 17	— 8,″52

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″69 —		+ 0,″52 —	
10	5, 15	3,″54	1, 20	0,″68
20	+ 1, 34 —	3, 81	1, 83	0, 63
1 0 7	— 2, 52 +	3, 86	2, 40	0, 57
10	6, 31	3, 79	2, 89	0, 49
20	9, 91	3, 60	3, 28	0, 39
2 0 8	13, 31	3, 40	3, 65	0, 37
10	16, 10	2, 79	3, 85	0, 20
20	18, 51	2, 41	3, 95	0, 10
3 0 9	20, 34	1, 83	3, 95	0, 00
10	21, 57	1, 23	3, 77	0, 18
20	22, 13	0, 56	3, 51	0, 26
4 0 10	22, 04	0, 09	3, 13	0, 38
10	21, 25	0, 79	2, 68	0, 45
20	19, 85	1, 40	2, 13	0, 55
5 0 11	17, 81	2, 04	1, 50	0, 63
10	15, 20	2, 61	0, 85	0, 65
20	12, 22	2, 98	0, 18	0, 67

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″11 —		+ 8,″63 —	
10	— 1, 35 +	3,″46	9, 02	0,″39
20	4, 76	3, 41	9, 15	0, 13
1 0 7	8, 00	3, 24	8, 99	0, 16
10	11, 02	3, 02	8, 56	0, 43
20	13, 71	2, 69	7, 88	0, 68
2 0 8	15, 98	2, 27	6, 94	0, 94
10	17, 76	1, 78	5, 80	1, 14
20	18, 99	1, 23	4, 48	1, 32
3 0 9	19, 65	0, 66	3, 03	1, 45
10	19, 72	0, 07	+ 1, 49 —	1, 54
20	19, 20	0, 52	— 0, 10 +	1, 59
4 0 10	18, 07	1, 13	1, 68	1, 58
10	16, 40	1, 67	3, 21	1, 53
20	14, 24	2, 16	4, 66	1, 45
5 0 11	11, 64	2, 60	5, 95	1, 29
10	8, 71	2, 93	7, 06	1, 11
20	5, 49	3, 22	7, 97	0, 91

l Geminorum borea trium ſequ. dextrum brachium ſequentis Gemini. 6. 85

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	115° 59′ 38″	+ 52,″74	CAILLE 20° 24′ 10″	— 8,″74
TOB. MAYER	115 59 37		T. MAY. 20 24 4	
DE ZACH	115 59 33		BARRY 20 24 2	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″57 —		— 1,″74 +	
10	5, 11	3,″46	1, 18	0,″56
20	+ 1, 49 —	3, 62	— 0, 59 +	0, 59
1 0 7	— 2, 16 +	3, 65	+ 0, 02 —	0, 61
10	5, 75	3, 59	0, 63	0, 61
20	9, 19	3, 44	1, 22	0, 59
2 0 8	12, 31	3, 12	1, 77	0, 55
10	15, 09	2, 78	2, 27	0, 50
20	17, 40	2, 31	2, 70	0, 43
3 0 9	19, 18	1, 78	3, 06	0, 36
10	20, 38	1, 20	3, 31	0, 25
20	20, 95	0, 57	3, 46	0, 15
4 0 10	20, 90	0, 05	3, 51	0, 05
10	20, 20	0, 70	3, 46	0, 05
20	18, 91	1, 29	3, 30	0, 16
5 0 11	17, 02	1, 89	3, 05	0, 25
10	14, 62	2, 40	2, 68	0, 37
20	11, 78	2, 84	2, 25	0, 43

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″55 —		+ 8,″58 —	
10	— 1, 62 +	3,″17	8, 98	0,″40
20	4, 96	3, 34	9, 11	0, 13
1 0 7	8, 01	3, 05	8, 98	0, 13
10	10, 94	2, 93	8, 57	0, 41
20	13, 34	2, 40	7, 90	0, 67
2 0 8	15, 44	2, 10	6, 98	0, 92
10	17, 15	1, 71	5, 85	1, 13
20	18, 17	1, 02	4, 55	1, 30
3 0 9	18, 72	0, 55	3, 12	1, 43
10	18, 73	0, 01	+ 1, 57 —	1, 55
20	18, 13	0, 60	— 0, 01 +	1, 58
4 0 10	16, 99	1, 14	1, 59	1, 58
10	15, 31	1, 68	3, 12	1, 53
20	13, 22	2, 09	4, 57	1, 45
5 0 11	10, 70	2, 52	5, 86	1, 29
10	7, 80	2, 90	6, 98	1, 12
20	4, 79	3, 01	7, 90	0, 92

χ Geminorum. 6. (6. Cancri.)

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	117° 48′ 2″	+ 55,″61	CAILLE 28°20′39″	— 9,″30
TOB. MAYER	117 48 10		T. MAY. 28 20 35	
DE ZACH	117 48 5		BARRY 28 20 35	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9,″72 —		+ 0,″68 —	
10	6, 09	3,″63	1, 45	0,″77
20	+ 2, 27 —	3, 82	2, 16	0, 71
1 0 7	— 1, 64 +	3, 91	2, 80	0, 64
10	5, 47	3, 83	3, 37	0, 57
20	9, 17	3, 70	3, 83	0, 46
2 0 8	12, 54	3, 37	4, 16	0, 33
10	15, 57	3, 03	4, 38	0, 22
20	18, 11	2, 54	4, 46	0, 08
3 0 9	20, 10	1, 99	4, 43	0, 03
10	21, 48	1, 38	4, 25	0, 18
20	22, 20	0, 72	3, 83	0, 42
4 0 10	22, 27	0, 07	3, 48	0, 35
10	21, 64	0, 63	2, 91	0, 57
20	20, 36	1, 28	2, 33	0, 58
5 0 11	18, 46	1, 90	1, 61	0, 72
10	16, 02	2, 44	0, 87	0, 74
20	13, 07	2, 95	0, 09	0, 78

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″40 —		+ 8,″44 —	
10	— 1, 00 +	3,″40	8, 88	0,″44
20	4, 51	3, 51	9, 05	0, 17
1 0 7	7, 78	3, 27	8, 96	0, 09
10	10, 84	3, 06	8, 58	0, 38
20	13, 57	2, 73	7, 96	0, 62
2 0 8	15, 90	2, 33	7, 08	0, 88
10	17, 74	1, 84	5, 99	1, 09
20	19, 02	1, 28	4, 72	1, 27
3 0 9	19, 74	0, 72	3, 31	1, 41
10	19, 85	0, 11	1, 78	1, 53
20	19, 37	0, 48	+ 0, 22 —	1, 56
4 0 10	18, 30	1, 07	— 1, 36 +	1, 58
10	16, 65	1, 65	2, 89	1, 53
20	14, 53	2, 12	4, 34	1, 45
5 0 11	11, 93	2, 60	5, 64	1, 30
10	9, 01	2, 92	6, 79	1, 15
20	5, 79	3, 22	7, 73	0, 94

1 ad ω Cancri. 6. 2

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	117° 12′ 4″	+ 54,″71	CAILLE 25°55′40″	— 9,″11
TOB. MAYER	117 12 5		T. MAY. 25 55 40	
DE ZACH	117 12 7		BARRY 25 55 44	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9,″32 —		— 0,″12 +	
10	5, 76	3,″56	+ 0, 57 —	0,″69
20	+ 2, 00 —	3, 76	1, 23	0, 66
		3, 80		0, 65
1 0 7	— 1, 80 +		1, 88	
10	5, 57	3, 77	2, 45	0, 57
20	9, 16	3, 59	2, 97	0, 52
		3, 29		0, 42
2 0 8	12, 45		3, 39	
10	15, 40	2, 95	3, 76	0, 37
20	17, 87	2, 47	3, 90	0, 14
		1, 90		0, 08
3 0 9	19, 77		3, 98	
10	21, 09	1, 32	3, 90	0, 08
20	21, 78	0, 69	3, 79	0, 11
		0, 01		0, 29
4 0 10	21, 79		3, 50	
10	21, 14	0, 65	3, 12	0, 38
20	19, 86	1, 28	2, 65	0, 47
		1, 88		0, 56
5 0 11	17, 98		2, 09	
10	15, 53	2, 45	1, 43	0, 66
20	12, 62	2, 91	0, 81	0, 62

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″12 —		+ 8,″49 —	
10	— 1, 29 +	3,″41	8, 92	0,″43
20	4, 67	3, 38	9, 08	0, 16
		3, 20		0, 11
1 0 7	7, 87		8, 97	
10	10, 85	2, 98	8, 58	0, 39
20	13, 51	2, 66	7, 95	0, 63
		2, 25		0, 89
2 0 8	15, 76		7, 06	
10	17, 53	1, 77	5, 95	1, 11
20	18, 75	1, 22	4, 67	1, 28
		0, 67		1, 41
3 0 9	19, 42		3, 26	
10	19, 49	0, 07	1, 72	1, 54
20	18, 99	0, 50	+ 0, 14 —	1, 58
		1, 11		1, 56
4 0 10	17, 88		— 1, 42 +	
10	16, 23	1, 65	2, 88	1, 46
20	14, 11	2, 12	4, 21	1, 33
		2, 58		1, 22
5 0 11	11, 53		5, 43	
10	8, 64	2, 89	6, 56	1, 13
20	5, 46	3, 18	7, 46	0, 90

3 Cancri. 6. 3

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	117° 19′ 2″	+ 51,″78	FLAMST 17°50′31″	— 9,″17
BRADLEY	117 31 48		BRADL. 18 46 50	
DE ZACH	117 16 59		BARRY 17 50 40	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″94 —		— 2,″64 +	
10	5, 47	3,″47	2, 10	0,″54
20	+ 1, 92 —	3, 55	1, 51	0, 59
1 0 7	— 1, 67 +	3, 59	0, 88	0, 63
10	5, 22	3, 55	— 0, 22 +	0, 66
20	8, 62	3, 40	+ 0, 44 —	0, 66
2 0 8	11, 75	3, 13	1, 10	0, 66
10	14, 52	2, 77	1, 73	0, 63
20	16, 86	2, 34	2, 31	0, 58
3 0 9	18, 66	1, 80	2, 80	0, 49
10	19, 92	1, 26	3, 22	0, 42
20	20, 57	0, 65	3, 54	0, 32
4 0 10	20, 59	0, 02	3, 76	0, 22
10	19, 97	0, 62	3, 85	0, 09
20	18, 77	1, 20	3, 83	0, 02
5 0 11	17, 00	1, 77	3, 69	0, 14
10	14, 70	2, 30	3, 43	0, 26
20	11, 96	2, 74	3, 08	0, 35

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″41 —		+ 8,″49 —	
10	— 1, 81 +	3,″22	8, 92	0,″43
20	4, 98	3, 17	9, 08	0, 16
1 0 7	7, 97	2, 99	8, 97	0, 11
10	10, 73	2, 76	8, 58	0, 39
20	13, 17	2, 44	7, 95	0, 63
2 0 8	15, 22	2, 05	7, 06	0, 89
10	16, 80	1, 58	5, 95	1, 11
20	17, 85	1, 05	4, 67	1, 28
3 0 9	18, 38	0, 53	3, 26	1, 41
10	18, 34	0, 04	1, 72	1, 54
20	17, 76	0, 58	+ 0, 14 —	1, 58
4 0 10	16, 62	1, 14	— 1, 42 +	1, 56
10	14, 97	1, 65	2, 88	1, 46
20	12, 89	2, 08	4, 21	1, 33
5 0 11	10, 40	2, 49	5, 43	1, 22
10	7, 62	2, 78	6, 56	1, 13
20	4, 58	3, 04	7, 46	0, 90

8 Cancri. 6. 8

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	118° 28′ 51″	+ 50.″32	T. MAY. 13°40′41″	— 9.″51
DE ZACH	118 28 39		BARRY 13 40 23	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9,″02 —		— 3,″93 +	
10	5, 72	3,″30	3, 46	0,″47
20	+ 2, 28 —	3, 44	2, 91	0, 55
		3, 53		0, 63
1 0 7	— 1, 25 +		2, 28	
10	4, 72	3, 47	1, 55	0, 73
20	8, 09	3, 37	0, 79	0, 76
		3, 06		0, 77
2 0 8	11, 15		— 0, 02 +	
10	13, 92	2, 77	+ 0, 77 —	0, 79
20	16, 24	2, 32	1, 54	0, 77
		1, 84		0, 72
3 0 9	18, 08		2, 26	
10	19, 37	1, 29	2, 90	0, 64
20	20, 08	0, 71	3, 46	0, 56
		0, 09		0, 46
4 0 10	20, 17		3, 92	
10	19, 64	0, 53	4, 25	0, 33
20	18, 54	1, 10	4, 45	0, 20
		1, 69		0, 08
5 0 11	16, 85		4, 53	
10	14, 67	2, 18	4, 46	0, 07
20	12, 00	2, 67	4. 18	0, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″11 —		+ 8,″39 —	
10	— 2, 01 +	3,″12	8, 85	0,″46
20	5, 08	3, 07	9, 02	0, 17
		2, 89		0, 07
1 0 7	7, 97		8, 95	
10	10, 63	2, 66	8, 57	0, 38
20	12, 97	2, 34	7, 99	0, 58
		1, 95		0, 86
2 0 8	14, 92		7, 13	
10	16, 42	1, 50	6, 04	1, 09
20	17, 40	0, 98	4, 79	1, 25
		0, 47		1, 39
3 0 9	17, 87		3, 40	
10	17, 79	0, 08	1, 87	1, 53
20	17, 18	0, 61	+ 0, 32 —	1, 55
		1, 15		1, 59
4 0 10	16, 03		— 1, 27 +	
10	14, 39	1, 64	2, 79	1, 52
20	12, 34	2, 05	4, 24	1, 45
		2, 45		1, 33
5 0 11	9, 89		5, 57	
10	7, 16	2, 73	6, 72	1, 15
20	4, 20	2, 96	7. 67	0. 95

2 ad μ Cancri. In posteriore boreo crure. 5. 10

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	118° 59′ 37″	+ 53.″18	CAILLE 22° 9′ 10″	— 9.″67
TOB. MAYER	118 59 34		T. MAY. 22 9 6	
DE ZACH	118 59 29		BARRY 22 9 3	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9.″61 —		— 1.″35 +	
10	6, 18	3.″43	0, 69	0.″66
20	+ 2, 57 —	3, 61	— 0, 01 +	0, 68
1 0 7	— 1, 12 +	3, 69	+ 0, 67 —	0, 68
10	4, 78	3, 66	1, 33	0, 66
20	8, 30	3, 52	1, 94	0, 61
2 0 8	11, 55	3, 25	2, 49	0, 55
10	14, 47	2, 92	2, 97	0, 48
20	16, 93	2, 46	3, 37	0, 40
3 0 9	18, 88	1, 95	3, 66	0, 29
10	20, 25	1, 37	3, 83	0, 17
20	21, 03	0, 78	3, 90	0, 07
4 0 10	21, 16	0, 13	3, 84	0, 06
10	20, 63	0, 53	3, 66	0, 18
20	19, 49	1, 14	3, 38	0, 28
5 0 11	17, 76	1, 73	2, 99	0, 39
10	15, 49	2, 27	2, 52	0, 47
20	12, 74	2, 75	1, 96	0, 56

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1.″89 —		+ 8.″35 —	
10	— 1, 42 +	3.″31	8, 82	0.″47
20	4, 70	3, 28	9, 00	0, 18
1 0 7	7, 80	3, 10	8, 94	0, 06
10	10, 69	2, 89	8, 60	0, 34
20	13, 25	2, 56	8, 00	0, 60
2 0 8	15, 41	2, 16	7, 15	0, 85
10	17, 10	1, 69	6, 08	1, 07
20	18, 26	1, 16	4, 84	1, 24
3 0 9	18, 88	0, 62	3, 45	1, 39
10	18, 92	0, 04	1, 93	1, 52
20	18, 39	0, 53	+ 0, 38 —	1, 55
4 0 10	17, 29	1, 10	— 1, 20 +	1, 58
10	15, 66	1, 63	2, 72	1, 52
20	13, 58	2, 08	4, 17	1, 45
5 0 11	11, 06	2, 52	5, 51	1, 34
10	8, 23	2, 83	6, 66	1, 15
20	5, 14	3, 09	7, 62	0, 96

2 ad ♆ Cancri. 4. 14

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	119° 35′ 51″		BRADL. 26° 6′ 29″	
DE LA CAILLE	119 35 43		CAILLE 26 6 23	
TOB. MAYER	119 35 43		T. MAY. 26 6 26	
DE ZACH	119 35 45	+ 54,″59	BARRY 26 6 14	— 9,″85

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″10 —		— 0,″14 +	
10	6, 57	3,″53	+ 0, 62 —	0,″76
20	+ 2, 86 —	3, 71	1, 35	0, 73
1 0 7	— 0, 95 +	3, 81	2, 05	0, 70
10	4, 72	3, 77	2, 68	0, 63
20	8, 35	3, 63	3, 23	0, 55
2 0 8	11, 73	3, 38	3, 69	0, 46
10	14, 74	3, 01	4, 03	0, 34
20	17, 32	2, 58	4, 26	0, 23
3 0 9	19, 37	2, 05	4, 35	0, 09
10	20, 81	1, 44	4, 30	0, 05
20	21, 64	0, 83	4, 13	0, 17
4 0 10	21, 80	0, 16	3, 84	0, 29
10	21, 31	0, 49	3, 43	0, 41
20	20, 17	1, 14	2, 91	0, 52
5 0 11	18, 41	1, 76	2, 30	0, 61
10	16, 10	2, 31	1, 63	0, 67
20	13, 30	2, 80	0, 89	0, 74

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″31 —		+ 8,″38 —	
10	— 1, 10 +	3,″41	8, 80	0,″49
20	4, 57	3, 47	8, 99	0, 19
1 0 7	7, 68	3, 11	8, 94	0, 05
10	10, 68	3, 00	8, 61	0, 33
20	13, 35	2, 67	8, 03	0, 58
2 0 8	15, 63	2, 28	7, 20	0, 83
10	17, 41	1, 78	6, 14	1, 06
20	18, 67	1, 26	4, 90	1, 24
3 0 9	19, 38	0, 71	3, 52	1, 38
10	19, 48	0, 10	2, 01	1, 51
20	19, 00	0, 48	+ 0, 47 —	1, 54
4 0 10	17, 94	1, 06	— 1, 11 +	1, 58
10	16, 32	1, 62	2, 64	1, 53
20	14, 23	2, 09	4, 08	1, 44
5 0 11	11, 68	2, 55	5, 42	1, 34
10	8, 70	2, 98	6, 53	1, 11
20	5, 64	3, 06	7, 57	1, 04

3 ad ♆ Cancri. 5. 15

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	120° 10′ 52″		T. MAY. 30°14′41″	
DE ZACH	120 10 46	+ 56,″45	BARRY 30 14 40	— 10,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″70 —		+ 1,″11 —	
10	7, 05	3,″65	1, 97	0,″86
20	+ 3, 21 —	3, 84	2, 79	0, 82
1 0 7	— 0, 75 +	3, 96	3, 49	0, 70
10	4, 68	3, 93	4, 09	0, 60
20	8, 47	3, 79	4, 57	0, 48
2 0 8	11, 99	3, 52	4, 97	0, 40
10	15, 15	3, 16	5, 11	0, 14
20	17, 86	2, 71	5, 15	0, 04
3 0 9	20, 01	2, 15	5, 03	0, 12
10	21, 57	1, 56	4, 77	0, 26
20	22, 46	0, 89	4, 35	0, 42
4 0 10	22, 67	0, 21	3, 80	0, 55
10	22, 19	0, 48	3, 14	0, 66
20	21, 04	1, 15	2, 39	0, 75
5 0 11	19, 26	1, 78	1, 55	0, 84
10	16, 89	2, 37	+ 0, 65 —	0, 90
20	14, 00	2, 89	— 0, 23 +	0, 88

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″78 —		+ 8,″26 —	
10	— 0, 71 +	3,″49	8, 74	0,″48
20	4, 20	3, 49	8, 86	●, 12
1 0 7	7, 55	3, 35	8, 93	0, 07
10	10, 66	3, 11	8, 61	0, 32
20	13, 46	2, 80	8, 05	0, 56
2 0 8	15, 86	2, 40	7, 22	0, 83
10	17, 78	1, 92	6, 18	1, 04
20	19, 13	1, 35	4, 95	1, 23
3 0 9	19, 93	0, 80	3, 57	1, 38
10	20, 11	0, 18	2, 09	1, 48
20	20, 02	0, 09	+ 0, 54 —	1, 55
4 0 10	18, 66	1, 36	— 1, 03 +	1, 57
10	17, 05	1, 61	2, 56	1, 53
20	14, 95	2, 10	4, 01	1, 45
5 0 11	12, 37	2, 58	5, 36	1, 35
10	9, 44	2, 93	6, 53	1, 17
20	6, 22	3, 22	7, 50	0, 97

♋ Cancri. 5. 6. 16

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	120° 10′ 49″	+ 51,″75	CAILLE 18° 14′ 37″	— 10,″03
TOB. MAYER	120 10 49		T. MAY. 18 14 27	
DE ZACH	120 10 48		BARRY 18 14 25	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9,″73 —		— 2,″61 +	
10	6, 41	3,″32	2, 02	0,″59
20	+ 2, 92 —	3, 49	1, 38	0, 64
		3, 60		0, 69
1 0 7	— 0, 68 +		— 0, 69 +	
10	4, 25	3, 57	+ 0, 03 —	0, 72
20	7, 71	3, 46	0, 73	0, 70
		3, 20		0, 68
2 0 8	10, 91		1, 41	
10	13, 78	2, 87	2, 05	0, 64
20	16, 25	2, 47	2, 64	0, 59
		1, 95		0, 51
3 0 9	18, 20		3, 15	
10	19, 62	1, 42	3, 55	0, 40
20	20, 43	0, 81	3, 86	0, 31
		0, 19		0, 21
4 0 10	20, 62		4, 07	
10	20, 18	0, 44	4, 08	0, 01
20	19, 14	1, 04	4, 02	0, 06
		1, 62		0, 18
5 0 11	17, 52		3, 84	
10	15, 36	2, 16	3, 54	0, 30
20	12, 73	2, 63	3, 11	0, 43

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″58 —		+ 8,″26 —	
10	— 1, 64 +	3,″22	8, 74	0,″48
20	4, 81	3, 17	8, 86	0, 12
		3, 00		0, 07
1 0 7	7, 81		8, 93	
10	10, 60	2, 79	8, 61	0, 32
20	13, 05	2, 45	8, 05	0, 56
		2, 07		0, 83
2 0 8	15, 12		7, 22	
10	16, 73	1, 61	6, 18	1, 04
20	17, 81	1, 08	4, 95	1, 23
		0, 56		1, 38
3 0 9	18, 37		3, 57	
10	18, 37	0, 00	2, 09	1, 48
20	17, 81	0, 56	+ 0, 54 —	1, 55
		1, 11	— 1, 03 +	1, 57
4 0 10	16, 70		2, 56	1, 53
10	15, 08	1, 62	4, 01	1, 45
20	13, 02	2, 06		1, 35
		2, 47	5, 36	
5 0 11	10, 55		6, 53	1, 17
10	7, 78	2, 77	7, 50	0, 97
20	4, 75	3, 03		

β Cancri, in poſteriore auſtrali crure. 4. 3. 17

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	121° 24′ 53″		BRADL. 9° 47′ 29″	
DE LA CAILLE	121 24 54		CAILLE 9 47 32	
TOB. MAYER	121 24 56		T. MAY. 9 47 33	
DE LAMBRE	121 24 52	+	L.LAND. 9 47 27	—
DE ZACH	121 24 52	48,″99	BARRY 9 47 30	10,″40

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9,″69 —		— 5,″18 +	
10	6, 56	3,″13	4, 82	0,″36
20	+ 3, 19 —	3, 37	4, 29	0, 53
1 0 7	— 0, 26 +	3, 45	3, 60	0, 69
10	3, 71	3, 45	2, 85	0, 75
20	7, 04	3, 33	1, 98	0, 87
2 0 8	10, 15	3, 11	1, 06	0, 92
10	12, 97	2, 82	— 0, 09 +	0, 97
20	15, 36	2, 39	+ 0, 85 —	0, 94
3 0 9	17, 31	1, 95	1, 77	0, 92
10	18, 73	1, 42	2, 62	0, 85
20	19, 58	0, 85	3, 43	0, 81
4 0 10	19, 85	0, 27	4, 13	0, 70
10	19, 49	0, 36	4, 70	0, 57
20	18, 55	0, 94	5, 07	0, 37
5 0 11	17, 05	1, 50	5, 38	0, 31
10	15, 04	2, 01	5, 50	0, 12
20	12, 56	2, 48	5, 43	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″84 —		+ 8,″14 —	
10	— 2, 18 +	3,″02	8, 67	0,″53
20	5, 15	2, 97	8, 91	0, 24
1 0 7	7, 95	2, 80	8, 91	0, 00
10	10, 52	2, 57	8, 62	0, 29
20	12, 77	2, 25	8, 08	0, 54
2 0 8	14, 66	1, 89	7, 29	0, 79
10	16, 06	1, 40	6, 29	1, 00
20	16, 98	0, 92	5, 07	1, 22
3 0 9	17, 38	0, 40	3, 72	1, 35
10	17, 29	0, 09	2, 25	1, 47
20	16, 64	0, 65	+ 0, 69 —	1, 56
4 0 10	15, 49	1, 15	— 0, 86 +	1, 55
10	13, 87	1, 62	2, 40	1, 54
20	11, 84	2, 03	3, 84	1, 44
5 0 11	9, 44	2, 40	5, 20	1, 36
10	6, 76	2, 68	6, 38	1, 18
20	3, 87	2, 89	7, 37	0, 99

χ Cancri. 6. 18

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	121° 58′ 13″	+ 55,″03	CAILLE 27° 51′ 24″	— 10,″57
TOB. MAYER	121 58 18		T. MAY. 27 51 32	
DE ZACH	121 58 17		BARRY 27 51 17	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″99 —		+ 0,″19 —	
10	7, 51	3,″48	1, 07	0,″88
20	+ 3, 78 —	3, 73	1, 90	0, 83
1 0 7	— 0, 07 +	3, 85	2, 66	0, 76
10	3, 91	3, 84	3, 35	0, 69
20	7, 63	3, 72	3, 94	0, 59
2 0 8	11, 11	3, 48	4, 38	0, 44
10	14, 27	3, 16	4, 72	0, 34
20	16, 98	2, 71	4, 92	0, 20
3 0 9	19, 18	2, 20	4, 95	0, 03
10	20, 80	1, 62	4, 84	0, 11
20	21, 78	0, 98	4, 59	0, 25
4 0 10	22, 11	0, 33	4, 19	0, 40
10	21, 76	0, 35	3, 65	0, 54
20	20, 74	1, 02	3, 02	0, 63
5 0 11	19, 11	1, 63	2, 29	0, 73
10	16, 90	2, 21	1, 49	0, 80
20	14, 17	2, 73	0, 65	0, 84

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″67 —		+ 8,″26 —	
10	— 0, 76 +	3,″43	8, 74	0,″48
20	4, 18	3, 42	8, 86	0, 12
1 0 7	7, 45	3, 27	8, 93	0, 07
10	10, 50	3, 05	8, 61	0, 32
20	13, 24	2, 74	8, 05	0, 56
2 0 8	15, 59	2, 35	7, 22	0, 83
10	17, 45	1, 86	6, 18	1, 04
20	18, 76	1, 31	4, 95	1, 23
3 0 9	19, 53	0, 77	3, 57	1, 38
10	19, 70	0, 17	2, 09	1, 48
20	19, 27	0, 43	+ 0, 54 —	1, 55
4 0 10	18, 26	1, 01	— 1, 03 +	1, 57
10	16, 67	1, 59	2, 56	1, 53
20	14, 60	2, 07	4, 01	1, 45
5 0 11	12, 08	2, 52	5, 36	1, 35
10	9, 19	2, 89	6, 53	1, 17
20	6, 03	3, 16	7, 50	0, 97

λ Cancri. 6. 19

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	122° 9′ 15″	+ 53,″83	CAILLE 24°38′38″	— 10,″62
TOB. MAYER	122 9 18		T. MAY. 24 38 31	
DE ZACH	122 9 17		BARRY 24 38 22	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″73 —		— 0,″78 +	
10	7, 34	3,″39	+ 0, 01 —	0,″79
20	+ 3, 71 —	3, 63	0, 79	0, 78
1 0 7	— 0, 04 +	3, 75	1, 55	0, 76
10	3, 77	3, 73	2, 25	0, 70
20	7, 39	3, 62	2, 90	0, 65
2 0 8	10, 77	3, 38	3, 46	0, 56
10	13, 85	3, 08	3, 90	0, 44
20	16, 48	2, 63	4, 23	0, 33
3 0 9	18, 64	2, 16	4, 43	0, 20
10	20, 21	1, 57	4, 49	0, 06
20	21, 19	0, 98	4, 43	0, 06
4 0 10	21, 51	0, 32	4, 24	0, 19
10	21, 17	0, 34	3, 93	0, 31
20	20, 19	0, 98	3, 44	0, 49
5 0 11	18, 61	1, 58	2, 88	0, 56
10	16, 46	2, 15	2, 24	0, 64
20	13, 81	2, 65	1, 53	0, 71

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″32 —		+ 8,″08 —	
10	— 1, 03 +	3,″35	8, 62	0,″54
20	4, 36	3, 33	8, 87	0, 25
1 0 7	7, 53	3, 17	8, 89	0, 02
10	10, 50	2, 97	8, 61	0, 28
20	13, 14	2, 64	8, 08	0, 53
2 0 8	15, 39	2, 25	7, 31	0, 77
10	17, 17	1, 78	6, 31	1, 00
20	18, 40	1, 23	5, 12	1, 19
3 0 9	19, 10	0, 70	3, 78	1, 34
10	19, 23	0, 13	2, 33	1, 45
20	18, 75	0, 48	+ 0, 78 —	1, 55
4 0 10	17, 72	1, 03	— 0, 78 +	1, 56
10	16, 12	1, 60	2, 30	1, 52
20	14, 06	2, 06	3, 75	1, 45
5 0 11	11, 56	2, 50	5, 10	1, 35
10	8, 73	2, 83	6, 30	1, 20
20	5, 61	3, 12	7, 30	1, 00

1 ad *d* Cancri. 6. 20

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	122° 58′ 24″	+ 51,″82	T. MAY. 18°57′52″	— 10,″87
DE ZACH	122 58 11		BARRY 18 57 48	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″56 —		— 2,″54 +	
10	7, 33	3,″23	1, 89	0,″65
20	3, 86	3, 47	1, 18	0, 71
1 0 7	+ 0, 27 —	3, 59	— 0, 44 +	0, 74
10	— 3, 32 +	3, 59	+ 0, 33 —	0, 77
20	6, 80	3, 48	1, 07	0, 74
2 0 8	10, 07	3, 27	1, 79	0, 72
10	13, 06	2, 99	2, 45	0, 66
20	15, 63	2, 57	3, 05	0, 60
3 0 9	17, 73	2, 10	3, 54	0, 49
10	19, 31	1, 58	3, 91	0, 37
20	20, 28	0, 97	4, 19	0, 28
4 0 10	20, 65	0, 37	4, 33	0, 14
10	20, 38	0, 27	4, 35	0, 02
20	19, 49	0, 89	4, 21	0, 14
5 0 11	18, 01	1, 48	3, 97	0, 24
10	15, 99	2, 02	3, 60	0, 37
20	13, 49	2, 50	3, 12	0, 48

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″78 —		+ 7,″99 —	
10	— 1, 44 +	3,″22	8, 55	0,″56
20	4, 62	3, 18	8, 84	0, 29
1 0 7	7, 65	3, 03	8, 86	0, 02
10	10, 45	2, 80	8, 61	0, 25
20	12, 94	2, 49	8, 10	0, 51
2 0 8	15, 04	2, 10	7, 35	0, 75
10	16, 69	1, 65	6, 36	0, 99
20	17, 80	1, 11	5, 20	1, 16
3 0 9	18, 40	0, 60	3, 87	1, 33
10	18, 43	0, 03	2, 42	1, 45
20	17, 90	0, 53	+ 0, 88 —	1, 54
4 0 10	16, 83	1, 07	— 0, 66 +	1, 54
10	15, 23	1, 60	2, 17	1, 51
20	13, 19	2, 04	3, 63	1, 46
5 0 11	10, 74	2, 45	4, 99	1, 36
10	7, 98	2, 76	6, 19	1, 20
20	4, 96	3, 02	7, 21	1, 02

1 ad υ Cancri. 6. 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	123° 41′ 44″		FLAMST. 25° 10′ 53″	
DE ZACH	123 41 40	+ 53,″90	BARRY 25 10 55	— 11,″06

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″55 —		— 0,″96 +	
10	8, 25	3,″30	— 0, 10 +	0,″86
20	4, 69	3, 56	+ 0, 74 —	0, 84
1 0 7	+ 0, 98 —	3, 71	1, 56	0, 82
10	— 2, 73 +	3, 71	2, 35	0, 79
20	6, 40	3, 67	3, 06	0, 71
2 0 8	9, 86	3, 46	3, 66	0, 60
10	13, 03	3, 17	4, 17	0, 51
20	15, 79	2, 76	4, 56	0, 39
3 0 9	18, 06	2, 27	4, 78	0, 22
10	19, 79	1, 73	4, 87	0, 09
20	20, 92	1, 13	4, 82	0, 05
4 0 10	21, 43	0, 51	4, 63	0, 19
10	21, 27	0, 16	4, 27	0, 36
20	20, 47	0, 80	3, 80	0, 47
5 0 11	19, 04	1, 43	3, 22	0, 58
10	17, 04	2, 00	2, 55	0, 67
20	14, 52	2, 52	1, 86	0, 69

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″52 —		+ 7,″82 —	
10	— 0, 81 +	3,″33	8, 47	0,″65
20	4, 13	3, 32	8, 75	0, 28
1 0 7	7, 33	3, 20	8, 82	0, 07
10	10, 31	2, 98	8, 63	0, 19
20	12, 96	2, 65	8, 16	0, 47
2 0 8	15, 23	2, 27	7, 43	0, 73
10	17, 03	1, 80	6, 50	0, 93
20	18, 30	1, 27	5, 37	1, 13
3 0 9	19, 04	0, 74	4, 08	1, 29
10	19, 18	0, 14	2, 66	1, 42
20	18, 75	0, 43	+ 1, 14 —	1, 52
4 0 10	17, 74	1, 01	— 0, 39 +	1, 53
10	16, 19	1, 55	1, 91	1, 52
20	14, 16	2, 03	3, 36	1, 45
5 0 11	11, 69	2, 47	4, 74	1, 38
10	8, 88	2, 81	5, 96	1, 22
20	5, 79	3, 09	7, 01	1, 05

2 ad *d* Cancri. 6. 25

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	123° 37′ 28″		T. MAY. 17°41′46″	
DE ZACH	123 37 19	+ 51,″37	BARRY 17 41 41	— 11.″06

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 0 6	+ 10,″65 —		— 2,″93 +	
10	7, 46	3,″19	2, 32	0,″61
20	4, 03	3, 43	1, 63	0, 69
1 0 7	+ 0, 47 —	3, 56	0, 89	0, 74
10	— 3, 09 +	3, 56	— 0, 10 +	0, 79
20	6, 53	3, 44	+ 0, 68 —	0, 78
2 0 8	9, 80	3, 27	1, 43	0, 75
10	12, 80	3, 00	2, 15	0, 72
20	15, 36	2, 56	2, 79	0, 64
3 0 9	17, 48	2, 12	3, 35	0, 56
10	19, 12	1, 64	3, 81	0, 46
20	20, 07	0, 95	4, 15	0, 34
4 0 10	20, 48	0, 41	4, 35	0, 20
10	20, 24	0, 24	4, 47	0, 12
20	19, 40	0, 84	4, 41	0, 06
5 0 11	17, 96	1, 44	4, 24	0, 17
10	15, 99	1, 97	3, 93	0, 31
20	13, 53	2, 46	3, 49	0, 44

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″68 —		+ 7,″94 —	
10	— 1, 51 +	3,″19	8, 50	0,″56
20	4, 67	3, 16	8, 81	0, 31
1 0 7	7, 68	3, 01	8, 84	0, 03
10	10, 42	2, 74	8, 61	0, 23
20	12, 90	2, 48	8, 11	0, 50
2 0 8	14, 95	2, 05	7, 37	0, 74
10	16, 57	1, 62	6, 41	0, 96
20	17, 63	1, 06	5, 25	1, 16
3 0 9	18, 24	0, 61	3, 93	1, 32
10	18, 25	0, 01	2, 49	1, 44
20	17, 71	0, 54	+ 0, 95 —	1, 54
4 0 10	16, 64	1, 07	— 0, 58 +	1, 53
10	15, 05	1, 59	2, 09	1, 51
20	13, 01	2, 04	3, 54	1, 45
5 0 11	10, 58	2, 43	4, 91	1, 37
10	7, 83	2, 75	6, 12	1, 21
20	4, 83	3, 00	7, 14	1, 02

27 Cancri. 6. 27

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	123° 54′ 43″		FLAMST 13° 17′ 30″	
DE ZACH	123 54 41	+ 49,″98	BARRY 13 18 22	— 11,″13

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″52 —		— 4,″25 +	
10	7, 40	3,″12	3, 71	0,″54
20	4, 05	3, 35	3, 18	0, 53
1 0 7	+ 0, 58 —	3, 47	2, 40	0, 78
10	— 2, 89 +	3, 47	1, 60	0, 81
20	6, 30	3, 41	— 0, 77 +	0, 83
2 0 8	9, 51	3, 21	+ 0, 07 —	0, 84
10	12, 44	2, 93	0, 95	0, 88
20	14, 96	2, 52	1, 80	0, 85
3 0 9	17, 05	2, 09	2, 57	0, 77
10	18, 64	1, 59	3, 26	0, 69
20	19, 63	0, 99	3, 88	0, 62
4 0 10	20, 05	0, 42	4, 37	0, 49
10	19, 83	0, 22	4, 74	0, 37
20	18, 98	0, 85	4, 91	0, 17
5 0 11	17, 62	1, 36	4, 98	0, 07
10	15, 71	1, 91	4, 87	0, 11
20	12, 92	2, 79	4, 63	0, 24

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″26 —		+ 7,″90 —	
10	— 1, 84 +	3,″10	8, 47	0,″57
20	4, 90	3, 06	8, 79	0, 32
1 0 7	7, 78	2, 88	8, 83	0, 04
10	10, 44	2, 66	8, 61	0, 22
20	12, 78	2, 34	8, 12	0, 49
2 0 8	14, 74	1, 96	7, 39	0, 73
10	16, 25	1, 51	6, 42	0, 97
20	17, 25	1, 00	5, 27	1, 15
3 0 9	17, 74	0, 49	3, 96	1, 31
10	17, 69	0, 05	2, 54	1, 42
20	17, 11	0, 58	+ 1, 01 —	1, 53
4 0 10	16, 00	1, 11	— 0, 53 +	1, 54
10	14, 40	1, 60	2, 06	1, 53
20	12, 37	2, 03	3, 50	1, 44
5 0 11	9, 96	2, 41	4, 87	1, 37
10	7, 26	2, 70	6, 08	1, 21
20	4, 32	2, 94	7, 11	1, 03

3 ad υ Cancri. 6. 30

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	124° 54′ 54″		CAILLE 24°44′45″	
TOB. MAYER	124 54 51		T. MAY. 24 44 44	
DE ZACH	124 54 50	+ 53,″62	BARRY 24 44 44	— 11,″43

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″55 —		— 0,″92 +	
10	8, 25	3,″30	— 0, 07 +	0,″85
20	4, 69	3, 56	+ 0, 77 —	0, 84
1 0 7	+ 0, 98 —	3, 71		0, 83
10	— 2, 73 +	3, 71	1, 60	0, 77
20	6, 40	3, 67	2, 37	0, 71
2 0 8	9, 85	3, 45	3, 08	0, 61
10	13, 03	3, 18	3, 69	0, 49
20	15, 79	2, 76	4, 18	0, 38
3 0 9	18, 06	2, 27	4, 56	0, 23
10	19, 79	1, 73	4, 79	0, 08
20	20, 92	1, 13	4, 87	0, 06
4 0 10	21, 43	0, 51	4, 81	0, 20
10	21, 27	0, 16	4, 61	0, 34
20	20, 47	0, 80	4, 27	0, 48
5 0 11	19, 04	1, 43	3, 79	0, 60
10	17, 04	2, 00	3, 19	0, 68
20	14, 52	2, 52	2, 51	0, 77

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″52 —		+ 7,″82 —	
10	— 0, 83 +	3,″35	8, 67	0,″85
20	4, 16	3, 33	8, 75	0, 08
1 0 7	7, 33	3, 17	8, 82	0, 07
10	10, 31	2, 98	8, 63	0, 19
20	12, 96	2, 65	8, 16	0, 47
2 0 8	15, 23	2, 27	7, 43	0, 73
10	17, 03	1, 80	6, 50	0, 93
20	18, 30	1, 27	5, 37	1, 13
3 0 9	19, 03	0, 73	4, 08	1, 29
10	19, 18	0, 15	2, 66	1, 42
20	18, 75	0, 43	+ 1, 14 —	1, 52
4 0 10	17, 74	1, 01	— 0, 39 +	1, 53
10	16, 19	1, 55	1, 91	1, 52
20	14, 16	2, 03	3, 36	1, 45
5 0 11	11, 69	2, 47	4, 74	1, 38
10	8, 88	2, 81	5, 96	1, 22
20	5, 79	3, 09	7, 01	1, 05

27 Cancri. 6. 27

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	123° 54′ 43″		FLAMST 13°17′30″	
DE ZACH	123 54 41	+ 49,″98	BARRY 13 18 22	— 11,″13

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0	0	6	+ 10,″52 —		— 4,″25 +	
	10		7, 40	3,″12	3, 71	0,″54
	20		4, 05	3, 35	3, 18	0, 53
1	0	7	+ 0, 58 —	3, 47	2, 40	0, 78
	10		— 2, 89 +	3, 47	1, 60	0, 81
	20		6, 30	3, 41	— 0, 77 +	0, 83
2	0	8	9, 51	3, 21	+ 0, 07 —	0, 84
	10		12, 44	2, 93	0, 95	0, 88
	20		14, 96	2, 52	1, 80	0, 85
3	0	9	17, 05	2, 09	2, 57	0, 77
	10		18, 64	1, 59	3, 26	0, 69
	20		19, 63	0, 99	3, 88	0, 62
4	0	10	20, 05	0, 42	4, 37	0, 49
	10		19, 83	0, 22	4, 74	0, 37
	20		18, 98	0, 85	4, 91	0, 17
5	0	11	17, 62	1, 36	4, 98	0, 07
	10		15, 71	1, 91	4, 87	0, 11
	20		12, 92	2, 79	4, 63	0, 24

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0	0	6	+ 1,″26 —		+ 7,″90 —	
	10		— 1, 84 +	3,″10	8, 47	0,″57
	20		4, 90	3, 06	8, 79	0, 32
1	0	7	7, 78	2, 88	8, 83	0, 04
	10		10, 44	2, 66	8, 61	0, 22
	20		12, 78	2, 34	8, 12	0, 49
2	0	8	14, 74	1, 96	7, 39	0, 73
	10		16, 25	1, 51	6, 42	0, 97
	20		17, 25	1, 00	5, 27	1, 15
3	0	9	17, 74	0, 49	3, 96	1, 31
	10		17, 69	0, 05	2, 54	1, 42
	20		17, 11	0, 58	+ 1, 01 —	1, 53
4	0	10	16, 00	1, 11	— 0, 53 +	1, 54
	10		14, 40	1, 60	2, 06	1, 53
	20		12, 37	2, 03	3, 50	1, 44
5	0	11	9, 96	2, 41	4, 87	1, 37
	10		7, 26	2, 70	6, 08	1, 21
	20		4, 32	2, 94	7, 11	1, 03

3 ad υ Cancri. 6. 30

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	124° 54′ 54″	+ 53,″62	CAILLE 24°44′45″	— 11,″43
TOB. MAYER	124 54 51		T. MAY. 24 44 44	
DE ZACH	124 54 50		BARRY 24 44 44	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″55 —		— 0,″92 +	
10	8, 25	3,″30	— 0, 07 +	0,″85
20	4, 69	3, 56	+ 0, 77 —	0, 84
		3, 71		0, 83
1 0 7	+ 0, 98 —		1, 60	
10	— 2, 73 +	3, 71	2, 37	0, 77
20	6, 40	3, 67	3, 08	0, 71
		3, 45		0, 61
2 0 8	9, 85		3, 69	
10	13, 03	3, 18	4, 18	0, 49
20	15, 79	2, 76	4, 56	0, 38
		2, 27		0, 23
3 0 9	18, 06		4, 79	
10	19, 79	1, 73	4, 87	0, 08
20	20, 92	1, 13	4, 81	0, 06
		0, 51		0, 20
4 0 10	21, 43		4, 61	
10	21, 27	0, 16	4, 27	0, 34
20	20, 47	0, 80	3, 79	0, 48
		1, 43		0, 60
5 0 11	19, 04		3, 19	
10	17, 04	2, 00	2, 51	0, 68
20	14, 52	2, 52	1, 74	0, 77

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″52 —		+ 7,″82 —	
10	— 0, 83 +	3,″35	8, 67	0,″85
20	4, 16	3, 33	8, 75	0, 08
		3, 17		0, 07
1 0 7	7, 33		8, 82	
10	10, 31	2, 98	8, 63	0, 19
20	12, 96	2, 65	8, 16	0, 47
		2, 27		0, 73
2 0 8	15, 23		7, 43	
10	17, 03	1, 80	6, 50	0, 93
20	18, 30	1, 27	5, 37	1, 13
		0, 73		1, 29
3 0 9	19, 03		4, 08	
10	19, 18	0, 15	2, 66	1, 42
20	18, 75	0, 43	+ 1, 14 —	1, 52
		1, 01		1, 53
4 0 10	17, 74		— 0, 39 +	
10	16, 19	1, 55	1, 91	1, 52
20	14, 16	2, 03	3, 36	1, 45
		2, 47		1, 38
5 0 11	11, 69		4, 74	
10	8, 88	2, 81	5, 96	1, 22
20	5, 79	3, 09	7, 01	1, 05

θ Cancri, auſtrina præced. in quadrilat. circa nubem. 6. 31

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	125° 2′ 42″	+ 51,″61	BRADL. 18°45′39″	— 11,″47
DE LA CAILLE	125 2 35		CAILLE 18 45 43	
TOB. MAYER	125 2 33		T. MAY. 18 45 41	
DE ZACH	125 2 33		BARRY 18 45 39	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	+ 11,″11 —		— 2,″72 +	
10	7, 94	3,″17	2, 04	0,″68
20	4, 53	3, 41	1, 29	0, 75
1 0 7	+ 0, 97 —	3, 56	— 0, 51 +	0, 78
10	— 2, 61 +	3, 58	+ 0, 29 —	0, 80
20	6, 10	3, 49	1, 08	0, 79
2 0 8	9, 42	3, 32	1, 82	0, 74
10	12, 46	3, 04	2, 53	0, 71
20	15, 11	2, 65	3, 16	0, 63
3 0 9	17, 30	2, 19	3, 69	0, 53
10	18, 97	1, 67	4, 10	0, 41
20	20, 07	1, 10	4, 40	0, 30
4 0 10	20, 54	0, 47	4, 57	0, 17
10	20, 41	0, 13	4, 57	0, 00
20	19, 63	0, 78	4, 45	0, 12
5 0 11	18, 28	1, 35	4, 21	0, 24
10	16, 36	1, 92	3, 82	0, 39
20	13, 95	2, 41	3, 30	0, 52

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	+ 1,″90 —		+ 7,″81 —	
10	— 1, 35 +	3,″25	8, 65	0,″84
20	4, 53	3, 18	8, 73	0, 08
1 0 7	7, 62	3, 09	8, 81	0, 08
10	10, 35	2, 73	8, 61	0, 20
20	12, 84	2, 49	8, 14	0, 47
2 0 8	14, 94	2, 10	7, 43	0, 71
10	16, 59	1, 65	6, 49	0, 94
20	17, 72	1, 13	5, 36	1, 13
3 0 9	18, 32	0, 60	4, 07	1, 29
10	18, 37	0, 05	2, 66	1, 41
20	17, 86	0, 51	+ 1, 15 —	1, 51
4 0 10	16, 80	1, 06	— 0, 39 +	1, 54
10	15, 22	1, 58	1, 90	1, 51
20	13, 20	2, 02	3, 36	1, 46
5 0 11	10, 75	2, 45	4, 73	1, 37
10	8, 02	2, 73	5, 95	1, 22
20	5, 01	3, 01	6, 99	1, 04

4 ad υ Cancri. 7. 32

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	125° 17′ 23″	+ 53,″59	CAILLE 24°45′25″	— 11,″54
TOB. MAYER	125 17 26		T. MAY. 24 45 24	
DE ZACH	125 17 24		BARRY 24 45 20	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″71 —		— 0,″99 +	
10	8, 38	3,″33	— 0, 11 +	0,″88
20	4, 83	3, 55	+ 0, 74 —	0, 85
		3, 71		0, 83
1 0 7	+ 1, 12 —		1, 57	
10	— 2, 61 +	3, 73	2, 36	0, 79
20	6, 25	3, 64	3, 08	0, 72
		3, 47		0, 61
2 0 8	9, 72		3, 69	
10	12, 91	3, 19	4, 21	0, 52
20	15, 68	2, 77	4, 60	0, 39
		2, 29		0, 24
3 0 9	17, 97		4, 84	
10	19, 72	1, 75	4, 93	0, 09
20	20, 90	1, 18	4, 88	0, 05
		0, 51		0, 26
4 0 10	21, 41		4, 62	
10	21, 29	0, 12	4, 33	0, 29
20	20, 49	0, 80	3, 86	0, 47
		1, 38		0, 60
5 0 11	19, 11		3, 26	
10	17, 11	2, 00	2, 57	0, 69
20	14, 64	2, 47	1, 80	0, 77

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″54 —		+ 7,″79 —	
10	— 0, 81 +	3,″35	8, 38	0,″59
20	4, 13	3, 32	8, 72	0, 34
		3, 18		0, 09
1 0 7	7, 31		8, 81	
10	10, 28	2, 97	8, 61	0, 20
20	12, 93	2, 65	8, 15	0, 46
		2, 28		0, 70
2 0 8	15, 21		7, 45	
10	17, 01	1, 80	6, 51	0, 94
20	18, 29	1, 28	5, 39	1, 12
		0, 73		1, 29
3 0 9	19, 02		4, 10	
10	19, 17	0, 15	2, 69	1, 41
20	18, 75	0, 42	+ 1, 19 —	1, 50
		1, 01		1, 54
4 0 10	17, 74		— 0, 35 +	
10	16, 20	1, 54	1, 86	1, 51
20	14, 17	2, 03	3, 31	1, 45
		2, 46		1, 38
5 0 11	11, 71		4, 69	
10	8, 90	2, 81	5, 92	1, 23
20	5, 81	3, 09	6, 96	1, 04

η Cancri, borea præced. in quadrilat. circa nubem. 6. 7. 33

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	125° 16′ 49″	+ 52,″36	BRADL. 21° 6′41″	— 11,″54
TOB. MAYER	125 16 52		T. MAY. 21 6 40	
DE ZACH	125 16 55		BARRY 21 6 42	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″36 —		— 2,″02 +	
10	8, 16	3,″20	1, 29	0,″73
20	4, 71	3, 45	— 0, 50 +	0, 79
		3, 62		0, 86
1 0 7	+ 1, 09 —		+ 0, 36 —	
10	— 2, 54 +	3, 63	1, 20	0, 84
20	6, 09	3, 55	1, 91	0, 71
		3, 38		0, 67
2 0 8	9, 47		2, 58	
10	12, 56	3, 09	3, 22	0, 64
20	15, 27	2, 71	3, 75	0, 53
		2, 23		0, 41
3 0 9	17, 50		4, 16	
10	19, 20	1, 70	4, 45	0, 29
20	20, 35	1, 15	4, 70	0, 25
		0, 49		0, 07
4 0 10	20, 84		4, 63	
10	20, 72	0, 12	4, 49	0, 14
20	19, 95	0, 77	4, 22	0, 27
		1, 35		0, 38
5 0 11	18, 60		3, 84	
10	16, 66	1, 94	3, 32	0, 52
20	14, 35	2, 31	2, 71	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″13 —		+ 7,″79 —	
10	— 1, 13 +	3,″26	8, 38	0,″59
20	4, 37	3, 24	8, 72	0, 34
		3, 08		0, 09
1 0 7	7, 45		8, 81	
10	10, 32	2, 87	8, 61	0, 20
20	12, 87	2, 55	8, 15	0, 46
		2, 17		0, 70
2 0 8	15, 04		7, 45	
10	16, 74	1, 70	6, 51	0, 94
20	17, 93	1, 19	5, 39	1, 12
		0, 66		1, 29
3 0 9	18, 59		4, 10	
10	18, 67	0, 08	2, 69	1, 41
20	18, 20	0, 47	+ 1, 19 —	1, 50
		1, 04		1, 54
4 0 10	17, 16		— 0, 35 +	
10	15, 60	1, 56	1, 86	1, 51
20	13, 57	2, 03	3, 31	1, 45
		2, 44		1, 38
5 0 11	11, 13		4, 69	
10	8, 36	2, 77	5, 92	1, 23
20	5, 32	3, 04	6, 96	1, 04

1 ad c Cancri. 6. 36

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	126° 33′ 34″		T. MAY. 10° 20′ 26″	
DE ZACH	126 33 33	+ 48,″97	BARRY 10 20 26	— 11,″91

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0	0	6	+ 11,″08 —		— 5,″17 +	
	10		8, 07	3,″01	4, 73	0,″44
	20		4, 83	3, 24	4, 12	0, 61
1	0	7	+ 1, 43 —	3, 40	3, 43	0, 69
	10		— 2, 01 +	3, 44	2, 61	0, 82
	20		5, 38	3, 37	1, 70	0, 91
2	0	8	8, 60	3, 22	— 0, 76 +	0, 94
	10		11, 57	2, 97	+ 0, 23 —	0, 99
	20		14, 17	2, 60	1, 21	0, 98
3	0	9	16, 33	2, 16	2, 14	0, 93
	10		18, 01	1, 68	2, 99	0, 85
	20		19, 14	1, 13	3, 76	0, 77
4	0	10	19, 69	0, 55	4, 48	0, 72
	10		19, 65	0, 04	4, 98	0, 50
	20		19, 00	0, 65	5, 38	0, 40
5	0	11	17, 77	1, 23	5, 57	0, 19
	10		16, 00	1, 77	5, 59	0, 02
	20		13, 74	2, 26	5, 47	0, 12

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0	0	6	+ 1,″20 —		+ 7,″68 —	
	10		— 2, 00 +	3,″20	8, 29	0,″61
	20		4, 98	2, 98	8, 65	0, 36
1	0	7	7, 80	2, 82	8, 76	0, 11
	10		10, 39	2, 59	8, 60	0, 16
	20		12, 67	2, 28	8, 17	0, 43
2	0	8	14, 55	1, 88	7, 50	0, 67
	10		15, 99	1, 44	6, 59	0, 91
	20		16, 95	0, 96	5, 50	1, 09
3	0	9	17, 39	0, 44	4, 23	1, 27
	10		17, 31	0, 08	2, 84	1, 39
	20		16, 71	0, 60	+ 1, 35 —	1, 49
4	0	10	15, 58	1, 13	— 0, 19 +	1, 54
	10		13, 98	1, 60	1, 68	1, 49
	20		11, 97	2, 01	3, 14	1, 46
5	0	11	9, 59	2, 38	4, 52	1, 38
	10		6, 93	2, 66	5, 76	1, 24
	20		4, 04	2, 89	6, 83	1, 07

o Cancri. 8. 38

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	127° 3′ 3″		T. MAY. 20° 28′ 21″	
DE ZACH	127 2 57	+ 52,″00	BARRY 20 28 28	— 12,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″49 —		— 2,″34 +	
10	8, 67	3,″82	1, 59	0,″75
20	5, 28	3, 39	— 0, 79 +	0, 80
1 0 7	+ 1, 72 —	3, 56	+ 0, 09 —	0, 88
10	— 1, 90 +	3, 62	0, 92	0, 83
20	5, 44	3, 54	1, 72	0, 80
2 0 8	8, 84	3, 40	2, 48	0, 76
10	11, 97	3, 13	3, 16	0, 68
20	14, 72	2, 75	3, 74	0, 58
3 0 9	17, 03	2, 31	4, 21	0, 47
10	18, 81	1, 78	4, 57	0, 36
20	20, 04	1, 23	4, 77	0, 20
4 0 10	20, 66	0, 62	4, 82	0, 05
10	20, 64	0, 02	4, 74	0, 08
20	19, 99	0, 65	4, 50	0, 24
5 0 11	18, 74	1, 25	4, 13	0, 37
10	16, 93	1, 81	3, 65	0, 48
20	14, 58	2, 35	3, 01	0, 64

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″15 —		+ 7,″62 —	
10	— 1, 09 +	3,″24	8, 24	0,″62
20	4, 30	3, 21	8, 61	0, 37
1 0 7	7, 37	3, 07	8, 73	0, 12
10	10, 23	2, 86	8, 59	0, 14
20	12, 76	2, 53	8, 17	0, 42
2 0 8	14, 92	2, 16	7, 51	0, 66
10	16, 62	1, 70	6, 62	0, 89
20	17, 81	1, 19	5, 54	1, 08
3 0 9	18, 46	0, 65	4, 28	1, 26
10	18, 56	0, 10	2, 90	1, 38
20	18, 09	0, 47	+ 1, 43 —	1, 47
4 0 10	17, 06	1, 03	— 0, 11 +	1, 54
10	15, 52	1, 54	1, 59	1, 48
20	13, 51	2, 01	3, 06	1, 47
5 0 11	11, 09	2, 42	4, 43	1, 37
10	8, 34	2, 75	5, 69	1, 26
20	5, 32	3, 02	6, 76	1, 07

39 Cancri, media nebulosæ pectoris dictæ *Praesepe.* 6. 39

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	127° 8′ 43″		T. MAY. 20°42′17″	
DE ZACH	127 8 45	+ 52,″08	BARRY 20 42 17	— 12,″07

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″51 —		— 2,″28 +	
10	8, 68	3,″83	1, 50	0,″78
20	5, 29	3, 39	— 0, 69 +	0, 81
1 0 7	+ 1, 72 —	3, 57	+ 0, 16 —	0, 85
10	— 1, 90 +	3, 62	0, 99	0, 83
20	5, 45	3, 55	1, 79	0, 80
2 0 8	8, 85	3, 40	2, 54	0, 75
10	11, 98	3, 13	3, 21	0, 67
20	14, 74	2, 76	3, 78	0, 57
3 0 9	17, 05	2, 31	4, 23	0, 45
10	18, 84	1, 79	4, 56	0, 33
20	20, 07	1, 23	4, 75	0, 19
4 0 10	20, 69	0, 62	4, 80	0, 05
10	20, 68	0, 01	4, 70	0, 10
20	20, 02	0, 66	4, 46	0, 24
5 0 11	18, 77	1, 25	4, 07	0, 39
10	16, 96	1, 81	3, 58	0, 49
20	14, 60	2, 36	2, 98	0, 60

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″18 —		+ 7,″62 —	
10	— 1, 07 +	3,″25	8, 24	0,″62
20	4, 29	3, 22	8, 61	0, 37
1 0 7	7, 36	3, 07	8, 73	0, 12
10	10, 22	2, 86	8, 59	0, 14
20	12, 76	2, 54	8, 17	0, 42
2 0 8	14, 93	2, 17	7, 51	0, 66
10	16, 64	1, 71	6, 62	0, 89
20	17, 83	1, 19	5, 54	1, 08
3 0 9	18, 49	0, 66	4, 28	1, 26
10	18, 59	0, 10	2, 90	1, 38
20	18, 13	0, 46	+ 1, 43 —	1, 47
4 0 10	17, 10	1, 03	— 0, 11 +	1, 54
10	15, 55	1, 55	1, 59	1, 48
20	13, 55	2, 00	3, 06	1, 47
5 0 11	11, 12	2, 43	4, 43	1, 37
10	8, 37	2, 75	5, 69	1, 26
20	5, 35	3, 02	6, 76	1, 07

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	127° 15′ 20″	+ 51,″93	FLAMST 20° 12′ 55″	— 12,″10
DE ZACH	127 15 25		BARRY 20 14 36	

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0	0	6	+ 11,″82 —		— 2,″42 +	
	10		8, 69	3,″13	1, 67	0,″75
	20		5, 32	3, 37	— 0, 85 +	0, 82
1	0	7	+ 1, 76 —	3, 56	+ 0, 00 —	0, 85
	10		— 1, 85 +	3, 61	0, 83	0, 83
	20		5, 40	3, 55	1, 64	0, 81
2	0	8	8, 79	3, 39	2, 42	0, 78
	10		11, 92	3, 13	3, 10	0, 68
	20		14, 68	2, 76	3, 70	0, 60
3	0	9	16, 98	2, 30	4, 18	0, 48
	10		18, 76	1, 78	4, 54	0, 36
	20		20, 00	1, 24	4, 76	0, 22
4	0	10	20, 62	0, 62	4, 83	0, 07
	10		20, 61	0, 01	4, 77	0, 06
	20		19, 97	0, 64	4, 56	0, 21
5	0	11	18, 73	1, 24	4, 18	0, 38
	10		16, 93	1, 80	3, 72	0, 46
	20		14, 59	2, 34	3, 12	0, 60

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0	0	6	+ 2,″13 —		+ 7,″61 —	
	10		— 1, 11 +	3,″24	8, 23	0,″62
	20		4, 32	3, 21	8, 60	0, 37
1	0	7	7, 37	3, 05	8, 73	0, 13
	10		10, 22	2, 85	8, 59	0, 14
	20		12, 75	2, 53	8, 17	0, 42
2	0	8	14, 90	2, 15	7, 52	0, 65
	10		16, 60	1, 70	6, 63	0, 89
	20		17, 79	1, 19	5, 55	1, 08
3	0	9	18, 43	0, 64	4, 29	1, 26
	10		18, 52	0, 09	2, 92	1, 37
	20		18, 05	0, 47	+ 1, 44 —	1, 48
4	0	10	17, 03	1, 02	— 0, 10 +	1, 54
	10		15, 48	1, 55	1, 58	1, 48
	20		13, 47	2, 01	3, 05	1, 47
5	0	11	11, 05	2, 42	4, 42	1, 37
	10		8, 31	2, 74	5, 68	1, 26
	20		5, 29	3, 02	6, 75	1, 07

γ Cancri, duarum sequ. in quadrilat. borea,
Asellus boreus. 4. 43

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	127° 55′ 31″		BRADL. 22°10′41″	
DE LA CAILLE	127 55 25		CAILLE 22 10 48	
TOB. MAYER	127 55 27		T. MAY. 22 10 42	
DE LAMBRE	127 55 22		L.LAND. 22 10 50	
DE ZACH	127 55 20	+ 52,″49	BARRY 22 10 42	12,″28

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″16 —		— 1,″91 +	
10	9, 03	3,″13	1, 12	0,″79
20	5, 62	3, 41	— 0, 22 +	0, 90
1 0 7	+ 2, 03 —	3, 59	+ 0, 66 —	0, 88
10	— 1, 53 +	3, 56	1, 50	0, 84
20	5, 23	3, 70	2, 32	0, 82
2 0 8	8, 68	3, 45	3, 06	0, 74
10	11, 86	3, 18	3, 66	0, 60
20	14, 67	2, 81	4, 17	0, 51
3 0 9	17, 04	2, 37	4, 56	0, 39
10	18, 90	1, 86	4, 84	0, 28
20	20, 17	1, 27	5, 02	0, 18
4 0 10	20, 83	0, 66	4, 97	0, 05
10	20, 88	0, 05	4, 83	0, 14
20	20, 28	0, 60	4, 45	0, 38
5 0 11	19, 06	1, 22	3, 97	0, 48
10	17, 27	1, 79	3, 40	0, 57
20	14, 94	2, 33	2, 71	0, 69

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″39 —		+ 7,″54 —	
10	— 0, 89 +	3,″28	8, 19	0,″65
20	4, 14	3, 25	8, 57	0, 38
1 0 7	7, 24	3, 10	8, 71	0, 14
10	10, 15	2, 91	8, 60	0, 11
20	12, 73	2, 58	8, 19	0, 41
2 0 8	14, 96	2, 23	7, 57	0, 62
10	16, 70	1, 74	6, 68	0, 89
20	17, 93	1, 23	5, 61	1, 07
3 0 9	18, 63	0, 70	4, 37	1, 24
10	18, 77	0, 14	3, 00	1, 37
20	18, 33	0, 44	1, 53	1, 47
4 0 10	17, 34	0, 99	+ 0, 01 —	1, 52
10	15, 81	1, 53	— 1, 48 +	1, 49
20	13, 80	2, 01	2, 95	1, 47
5 0 11	11, 38	2, 42	4, 34	1, 39
10	8, 62	2, 76	5, 59	1, 25
20	5, 58	3, 04	6, 67	1, 08

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	128° 2′ 35″	+ 49,″80	T. MAY. 13°23′19″	— 12,″32
DE ZACH	128 2 32		BARRY 13 23 22	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♋ 0 0 6	+ 11,″61 —		— 2,″45 +	
10	8, 62	2,″99	1, 62	0,″83
20	5, 38	3, 24	— 0, 76 +	0, 86
♋ 1 0 7	+ 1, 96 —	3, 42	+ 0, 13 —	0, 89
10	— 1, 54 +	3, 50	1, 03	0, 90
20	4, 94	3, 40	1, 89	0, 86
♋ 2 0 8	8, 23	3, 29	2, 68	0, 79
10	11, 26	3, 03	3, 41	0, 73
20	13, 94	2, 68	4, 03	0, 62
♋ 3 0 9	16, 20	2, 26	4, 52	0, 49
10	17, 97	1, 77	4, 87	0, 35
20	19, 19	1, 22	5, 08	0, 21
♋ 4 0 10	19, 83	0, 64	5, 08	0, 00
10	19, 87	0, 04	5, 04	0, 04
20	19, 31	0, 56	4, 78	0, 26
♋ 5 0 11	18, 16	1, 15	4, 36	0, 42
10	16, 46	1, 70	3, 84	0, 52
20	14, 25	2, 21	3, 19	0, 65

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♋ 0 0 6	+ 1,″40 —		+ 7,″51 —	
10	— 1, 70 +	3,″10	8, 16	0,″65
20	4, 74	3, 04	8, 55	0, 39
♋ 1 0 7	7, 86	3, 12	8, 69	0, 14
10	10, 40	2, 54	8, 57	0, 12
20	12, 64	2, 24	8, 18	0, 39
♋ 2 0 8	14, 62	1, 98	7, 55	0, 63
10	16, 14	1, 52	6, 67	0, 88
20	17, 17	1, 03	5, 60	1, 07
♋ 3 0 9	17, 68	0, 51	4, 37	1, 23
10	17, 66	0, 02	3, 01	1, 36
20	17, 10	0, 56	1, 52	1, 49
♋ 4 0 10	16, 01	1, 09	+ 0, 01 —	1, 51
10	14, 44	1, 57	— 1, 48 +	1, 49
20	12, 43	2, 01	2, 93	1, 45
♋ 5 0 11	10, 05	2, 38	4, 32	1, 39
10	7, 37	2, 68	5, 57	1, 25
20	4, 44	2, 93	6, 65	1, 08

♋ Cancri, *Aſellus auſtrinus.* 4. 47

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	128° 19′ 34″		BRADL. 18°52′58″	
DE LA CAILLE	128 19 32		CAILLE 18 53 6	
TOB. MAYER	128 19 29		T. MAY. 18 52 59	
DE LAMBRE	128 19 30		L. LAND. 18 52 59	
DE ZACH	128 19 28	+ 51,″42	BARRY 18 52 52	12,″40

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″02 —		— 2,″90 +	
10	8, 96	3,″06	2, 17	0,″73
20	5, 62	3, 34	1, 35	0, 82
		3, 50		0, 85
1 0 7	+ 2, 12 —		— 0, 50 +	
10	— 1, 47 +	3, 59	+ 0, 36 —	0, 86
20	4, 98	3, 51	1, 22	0, 86
		3, 39		0, 80
2 0 8	8, 37		2, 02	
10	11, 48	3, 11	2, 77	0, 75
20	14, 26	2, 78	3, 46	0, 69
		2, 33		0, 55
3 0 9	16, 59		4, 01	
10	18, 42	1, 83	4, 44	0, 43
20	19, 70	1, 28	4, 75	0, 31
		0, 67		0, 17
4 0 10	20, 37		4, 92	
10	20, 43	0, 06	5, 96	0, 04
20	19, 87	0, 56	4, 80	0, 16
		1, 15		0, 29
5 0 11	18, 72		4, 51	
10	16, 98	1, 74	4, 09	0, 42
20	14, 71	2, 27	3, 55	0, 54

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″02 —		+ 7,″48 —	
10	— 1, 18 +	3,″20	8, 14	0,″66
20	4, 35	3, 17	8, 54	0, 40
		3, 02		0, 15
1 0 7	7, 37		8, 69	
10	10, 23	2, 86	8, 57	0, 12
20	12, 68	2, 45	8, 18	0, 39
		2, 12		0, 62
2 0 8	14, 80		7, 56	
10	16, 51	1, 71	6, 69	0, 87
20	17, 63	1, 12	5, 63	1, 06
		0, 62		1, 23
3 0 9	18, 25		4, 40	
10	18, 36	0, 11	3, 04	1, 36
20	17, 85	0, 51	+ 1, 56 —	1, 48
		1, 03		1, 62
4 0 10	16, 82		— 0, 06 +	
10	15, 28	1, 54	1, 54	1, 48
20	13, 28	2, 00	2, 95	1, 41
		2, 40		1, 30
5 0 11	10, 88		4, 25	
10	8, 15	2, 73	5, 51	1, 26
20	5, 16	2, 99	6, 63	1, 12

1 ad 1 Cancri, in boreali forfice. 5. 48

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	128° 38′ 31″		T. MAY. 29°28′55″	
DE ZACH	128 38 26	+ 54,″90	BARRY 29 28 55	— 12,″48

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″14 —		+ 0,″12 —	
10	9, 83	3,″31	1, 18	1,″06
20	6, 21	3, 62	2, 23	1, 05
		3, 75		1, 00
1 0 7	+ 2, 46 —		3, 23	
10	— 1, 48 +	3, 94	4, 03	0, 80
20	5, 31	3, 83	4, 78	0, 75
		3, 68		0, 58
2 0 8	8, 99		5, 36	
10	12, 37	3, 38	5, 81	0, 45
20	15, 39	3, 02	5, 98	0, 17
		2, 57		0, 16
3 0 9	17, 96		6, 14	
10	19, 95	1, 99	6, 03	0, 11
20	21, 37	1, 42	5, 74	0, 29
		0, 74		0, 47
4 0 10	22, 11		5, 27	
10	22, 19	0, 08	4, 63	0, 64
20	21, 61	0, 58	3, 86	0, 77
		1, 24		0, 87
5 0 11	20, 37		2, 99	
10	18, 48	1, 89	1, 97	1, 02
20	16, 06	2, 42	0, 95	1, 02

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″37 —		+ 7,″45 —	
10	— 0, 07 +	3,″44	8, 12	0,″67
20	3, 50	3, 43	8, 53	0, 41
		3, 33		0, 14
1 0 7	6, 83		8, 67	
10	9, 95	3, 12	8, 57	0, 10
20	12, 76	2, 81	8, 19	0, 38
		2, 51		0, 68
2 0 8	15, 27		7, 51	
10	17, 17	1, 90	6, 71	0, 80
20	18, 60	1, 43	5, 66	1, 05
		0, 88		1, 21
3 0 9	19, 48		4, 45	
10	19, 78	0, 30	3, 08	1, 37
20	19, 47	0, 31	1, 60	1, 48
		0, 92		1, 48
4 0 10	18, 55		+ 0, 12 —	
10	17, 09	1, 46	— 1, 40 +	1, 52
20	15, 10	1, 99	2, 85	1, 45
		2, 45		1, 33
5 0 11	12, 65		4, 18	
10	9, 84	2, 81	5, 50	1, 32
20	6, 69	3, 15	6, 59	1, 09

b Cancri. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	128° 28′ 17″	+	T. MAY. 10°47′49″	—
DE ZACH	128 28 14	49,″03		12,″44

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″62 —		— 5,″13 +	
10	8, 68	2,″94	4, 65	0,″48
20	5, 47	3, 21	4, 02	0, 63
1 0 7	+ 2, 10 —	3, 37	3, 27	0, 75
10	— 1, 34 +	3, 44	2, 43	0, 84
20	4, 72	3, 38	1, 51	0, 92
2 0 8	8, 00	3, 28	— 0, 55 +	0, 96
10	10, 98	2, 98	+ 0, 44 —	0, 99
20	13, 66	2, 68	1, 41	0, 97
3 0 9	15, 93	2, 27	2, 33	0, 92
10	17, 71	1, 78	3, 19	0, 86
20	18, 95	1, 24	3, 94	0, 75
4 0 10	19, 61	0, 66	4, 58	0, 64
10	19, 68	0, 07	5, 08	0, 50
20	19, 14	0, 54	5, 43	0, 35
5 0 11	18, 04	1, 10	5, 60	0, 17
10	16, 40	1, 64	5, 62	0, 02
20	14, 21	2, 19	5, 47	0, 15

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″13 —		+ 7,″46 —	
10	— 1, 91 +	3,″04	8, 13	0,″67
20	4, 90	2, 99	8, 53	0, 40
1 0 7	7, 72	2, 82	8, 68	0, 15
10	10, 32	2, 60	8, 57	0, 11
20	12, 60	2, 28	8, 19	0, 38
2 0 8	14, 51	1, 91	7, 56	0, 63
10	15, 98	1, 47	6, 71	0, 85
20	16, 95	0, 97	5, 65	1, 06
3 0 9	17, 43	0, 48	4, 40	1, 25
10	17, 34	0, 09	3, 07	1, 33
20	16, 75	0, 59	1, 59	1, 48
4 0 10	15, 64	1, 11	+ 0, 06 —	1, 53
10	14, 06	1, 58	— 1, 41 +	1, 47
20	12, 06	2, 00	2, 86	1, 45
5 0 11	9, 68	2, 38	4, 25	1, 39
10	7, 03	2, 65	5, 51	1, 26
20	4, 14	2, 89	6, 60	1, 09

2 ad A Cancri. 6. 50

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	128° 59′ 23″	+	T. MAY. 12°50′ 3″	—
DE ZACH	128 59 19	49,″59	BARRY 12 50 7	12,″58

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″85 —		— 4,″86 +	
10	8, 90	2,″95	4, 34	0,″52
20	5, 67	3, 23	3, 67	0, 67
1 0 7	+ 2, 28 —	3, 39	2, 92	0, 75
10	— 1, 18 +	3, 46	2, 05	0, 87
20	4, 61	3, 43	1, 15	0, 90
2 0 8	7, 89	3, 28	— 0, 24 +	0, 91
10	10, 92	3, 03	+ 0, 76 —	1, 00
20	13, 64	2, 72	1, 70	0, 94
3 0 9	15, 94	2, 30	2, 58	0, 88
10	17, 75	1, 81	3, 38	0, 80
20	19, 03	1, 28	4, 09	0, 71
4 0 10	19, 72	0, 69	4, 66	0, 57
10	19, 82	0, 10	5, 09	0, 43
20	19, 32	0, 50	5, 37	0, 28
5 0 11	18, 24	1, 08	5, 50	0, 13
10	16, 57	1, 67	5, 44	0, 06
20	14, 43	2, 14	5, 23	0, 21

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″37 —		+ 7,″41 —	
10	— 1, 71 +	3,″08	8, 07	0,″66
20	4, 75	3, 04	8, 49	0, 42
1 0 7	7, 61	2, 86	8, 65	0, 16
10	10, 27	2, 66	8, 55	0, 10
20	12, 59	2, 32	8, 18	0, 37
2 0 8	14, 55	1, 96	7, 58	0, 60
10	16, 08	1, 53	6, 73	0, 85
20	17, 10	1, 02	5, 68	1, 05
3 0 9	17, 61	0, 51	4, 47	1, 21
10	17, 58	0, 03	3, 12	1, 35
20	17, 02	0, 56	1, 65	1, 47
4 0 10	15, 93	1, 09	+ 0, 16 —	1, 49
10	14, 36	1, 57	— 1, 34 +	1, 50
20	12, 36	2, 00	2, 80	1, 46
5 0 11	9, 98	2, 38	4, 18	1, 38
10	7, 32	2, 66	5, 45	1, 27
20	4, 40	2, 92	6, 53	1, 08

1 ad σ Cancri. 6. 51

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	130° 2′ 39″	+ 56,″12	FLAMST. 33° 12′ 42″	— 12,″86
DE ZACH	130 2 43		BARRY 33 12 48	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 14,″09 —		+ 1,″02 —	
10	10, 71	3,″38	2, 37	1,″35
20	6, 98	3, 73	3, 37	1, 00
♌ 1 0 7	+ 3, 05 —	3, 93	4, 41	1, 04
10	— 0, 98 +	4, 03	5, 32	0, 91
20	4, 90	3, 92	6, 04	0, 72
♌ 2 0 8	8, 82	3, 92	6, 61	0, 57
10	12, 40	3, 58	6, 98	0, 37
20	15, 53	3, 13	7, 09	0, 11
♌ 3 0 9	18, 31	2, 78	7, 05	0, 04
10	20, 48	2, 17	6, 76	0, 29
20	22, 00	1, 52	6, 21	0, 55
♌ 4 0 10	22, 90	0, 90	5, 59	0, 62
10	23, 08	0, 18	4, 75	0, 84
20	22, 57	0, 51	3, 74	1, 01
♌ 5 0 11	21, 37	1, 20	2, 64	1, 10
10	19, 51	1, 86	1, 44	1, 20
20	17, 07	2, 44	0, 22	1, 22

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 4,″01 —		+ 7,″30 —	
10	+ 0, 49 —	3,″52	7, 99	0,″69
20	— 3, 05 +	3, 54	8, 43	0, 44
♌ 1 0 7	6, 47	3, 42	8, 61	0, 18
10	9, 72	3, 25	8, 53	0, 08
20	12, 66	2, 94	8, 19	0, 34
♌ 2 0 8	15, 24	2, 58	7, 61	0, 58
10	17, 33	2, 09	6, 79	0, 82
20	18, 91	1, 58	5, 76	1, 03
♌ 3 0 9	19, 91	1, 00	4, 57	1, 19
10	20, 31	0, 40	3, 23	1, 34
20	20, 09	0, 22	1, 78	1, 45
♌ 4 0 10	19, 25	0, 84	+ 0, 28 —	1, 50
10	17, 83	1, 42	— 1, 20 +	1, 48
20	15, 87	1, 96	2, 66	1, 46
♌ 5 0 11	13, 43	2, 44	4, 04	1, 38
10	10, 60	2, 83	5, 32	1, 28
20	7, 41	3, 19	6, 51	1, 19

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	130° 5′ 36″	+ 54,″57	FLAMST 28° 59′ 49″	— 12,″86
DE ZACH	130 6 16		BARRY 29 0 0	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″51 —		— 0,″17 +	
10	10, 28	3,″23	+ 0, 91 —	1,″08
20	6, 68	3, 60	1, 99	1, 08
1 0 7	+ 2, 95 —	3, 73	2, 99	1, 00
10	— 0, 88 +	3, 83	3, 89	0, 90
20	4, 61	3, 73	4, 69	0, 80
2 0 8	8, 40	3, 79	5, 32	0, 63
10	11, 82	3, 42	5, 81	0, 49
20	14, 88	3, 06	6, 13	0, 32
3 0 9	17, 49	2, 61	6, 20	0, 07
10	19, 56	2, 07	6, 13	0, 07
20	21, 06	1, 50	5, 92	0, 21
4 0 10	21, 91	0, 85	5, 50	0, 42
10	22, 08	0, 17	4, 89	0, 61
20	21, 60	0, 48	4, 14	0, 75
5 0 11	20, 46	1, 14	3, 26	0, 88
10	18, 68	1, 78	2, 29	0, 97
20	16, 35	2, 33	1, 26	1, 03

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 4,″01 —		+ 7,″29 —	
10	+ 0, 49 —	3,″52	7, 99	0,″70
20	— 3, 05 +	3, 54	8, 42	0, 43
1 0 7	6, 47	3, 42	8, 60	0, 18
10	9, 72	3, 25	8, 53	0, 07
20	12, 66	2, 94	8, 19	0, 34
2 0 8	15, 24	2, 58	7, 62	0, 57
10	17, 33	2, 09	6, 80	0, 82
20	18, 91	1, 58	5, 77	1, 03
3 0 9	19, 91	1, 00	4, 58	1, 19
10	20, 31	0, 40	3, 24	1, 34
20	20, 09	0, 22	1, 79	1, 45
4 0 10	19, 25	0, 84	+ 0, 30 —	1, 49
10	17, 83	1, 42	— 1, 19 +	1, 49
20	15, 87	1, 96	2, 65	1, 46
5 0 11	13, 43	2, 44	4, 02	1, 37
10	10, 60	2, 83	5, 31	1, 29
20	7, 41	3, 19	6, 40	1, 09

2 ad ♋ Cancri. 5. 57

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	130° 29′ 44″		FLAMST 31°19′38″	
DE ZACH	130 30 10	+ 55,″35	BARRY 30 19 38	— 12,″96

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″95 —		+ 0,″17 —	
10	10, 64	3,″31	1, 32	1,″15
20	7, 01	3, 63	2, 40	1, 08
1 0 7	+ 3, 17 —	3, 84	3, 43	1, 03
10	— 0, 76 +	3, 93	4, 34	0, 91
20	4, 68	3, 92	5, 12	0, 78
2 0 8	8, 45	3, 77	5, 75	0, 63
10	11, 96	3, 51	6, 19	0, 44
20	15, 12	3, 16	6, 45	0, 26
3 0 9	17, 80	2, 68	6, 53	0, 08
10	19, 94	2, 14	6, 40	0, 13
20	21, 50	1, 56	6, 07	0, 33
4 0 10	22, 39	0, 89	5, 56	0, 51
10	22, 59	0, 20	4, 90	0, 66
20	22, 12	0, 47	4, 06	0, 84
5 0 11	20, 98	1, 14	3, 07	0, 99
10	19, 19	1, 79	2, 06	1, 01
20	16, 82	2, 37	0, 96	1, 10

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″83 —		+ 7,″25 —	
10	+ 0, 31 —	3,″52	7, 95	0,″70
20	— 3, 18 +	3, 49	8, 30	0, 35
1 0 7	6, 55	3, 37	8, 59	0, 29
10	9, 72	3, 17	8, 53	0, 06
20	12, 61	2, 89	8, 20	0, 33
2 0 8	15, 12	2, 51	7, 64	0, 56
10	17, 17	2, 05	6, 82	0, 82
20	18, 68	1, 51	5, 81	1, 01
3 0 9	19, 64	0, 96	4, 62	1, 19
10	19, 97	0, 33	3, 29	1, 33
20	19, 77	0, 20	1, 85	1, 44
4 0 10	18, 89	0, 88	+ 0, 36 —	1, 49
10	17, 47	1, 42	— 1, 13 +	1, 49
20	15, 51	1, 96	2, 59	1, 46
5 0 11	13, 08	2, 43	3, 97	1, 38
10	10, 28	2, 80	5, 25	1, 28
20	7, 12	3, 16	6, 35	1, 10

4 ad ♌ Cancri. 6. 58

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	130° 55′ 7″	+ 54,″35	FLAMST 28°40′55″	— 13,″08
DE ZACH	130 54 45		BARRY 28 40 54	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 13,″69 —		— 0,″36 +	
10	10, 49	3,″20	+ 0, 76 —	1,″12
20	6, 98	3, 51	1, 83	1, 07
1 0 7	+ 3, 25 —	3, 73	2, 85	1, 02
10	— 0, 66 +	3, 91	3, 78	0, 93
20	4, 40	3, 74	4, 70	0, 92
2 0 8	8, 08	3, 68	5, 35	0, 65
10	11, 51	3, 43	5, 78	0, 43
20	14, 59	3, 08	6, 13	0, 35
3 0 9	17, 22	2, 63	6, 27	0, 14
10	19, 34	2, 12	6, 25	0, 02
20	20, 87	1, 53	6, 03	0, 22
4 0 10	21, 77	0, 90	5, 63	0, 40
10	22, 01	0, 24	5, 04	0, 59
20	21, 57	0, 44	4, 30	0, 74
5 0 11	20, 47	1, 10	3, 45	0, 85
10	18, 77	1, 70	2, 46	0, 99
20	16, 47	2, 30	1, 43	1, 03

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 3,″41 —		+ 7,″21 —	
10	+ 0, 02 —	3,″39	7, 91	0,″70
20	— 3, 40 +	3, 42	8, 37	0, 46
1 0 7	6, 68	3, 28	8, 57	0, 20
10	9, 78	3, 10	8, 52	0, 05
20	12, 57	2, 79	8, 20	0, 32
2 0 8	14, 99	2, 42	7, 65	0, 55
10	16, 96	1, 97	6, 84	0, 81
20	18, 40	1, 44	5, 84	1, 00
3 0 9	19, 28	0, 88	4, 65	1, 19
10	19, 58	0, 30	3, 33	1, 32
20	19, 30	0, 28	1, 89	1, 44
4 0 10	18, 41	0, 89	+ 0, 41 —	1, 48
10	16, 97	1, 44	— 1, 07 +	1, 48
20	15, 01	1, 96	2, 54	1, 47
5 0 11	12, 60	2, 41	3, 91	1, 37
10	9, 82	2, 78	5, 20	1, 29
20	6, 71	3, 11	6, 30	1, 10

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	131° 8′ 10″	+ 56,″13	FLAMST 33°40′10″	— 13,″13
DE ZACH	131 8 15		BARRY 33 40 13	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″49 —		+ 1,″05 —	
10	11, 13	3,″36	2, 26	1,″21
20	7, 44	3, 69	3, 44	1, 18
1 0 7	+ 3, 50 —	3, 94	4, 55	1, 11
10	— 0, 55 +	4, 05	5, 50	0, 95
20	4, 57	4, 02	6, 25	0, 75
2 0 8	8, 45	3, 88	6, 83	0, 58
10	12, 07	3, 62	7, 20	0, 37
20	15, 32	3, 25	7, 37	0, 17
3 0 9	18, 11	2, 79	7, 29	0, 08
10	20, 35	2, 24	7, 00	0, 29
20	21, 97	1, 62	6, 50	0, 50
4 0 10	22, 94	0, 97	5, 79	0, 71
10	23, 18	0, 24	4, 92	0, 87
20	22, 74	0, 44	3, 90	1, 02
5 0 11	21, 61	1, 13	2, 75	1, 15
10	19, 82	1, 79	1, 54	1, 21
20	17, 43	2, 39	0, 27	1, 27

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 4,″17 —		+ 7,″18 —	
10	+ 0, 58 —	3,″59	7, 89	0,″71
20	— 2, 89 +	3, 47	8, 36	0, 47
1 0 7	6, 33	3, 44	8, 55	0, 19
10	9, 59	3, 26	8, 51	0, 04
20	12, 57	2, 98	8, 19	0, 32
2 0 8	15, 16	2, 59	7, 65	0, 54
10	17, 37	2, 21	6, 85	0, 80
20	18, 89	1, 52	5, 85	1, 00
3 0 9	19, 92	1, 03	4, 68	1, 17
10	20, 39	0, 47	3, 35	1, 33
20	20, 16	0, 23	1, 92	1, 43
4 0 10	19, 34	0, 82	+ 0, 44 —	1, 48
10	17, 94	1, 40	— 1, 04 +	1, 48
20	16, 01	1, 93	2, 51	1, 47
5 0 11	13, 59	2, 42	3, 87	1, 36
10	10, 77	2, 82	5, 16	1, 29
20	7, 57	3, 20	6, 27	1, 11

1 ad α Cancri. 4. 60

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	131° 14′ 55″	+ 49,″35	BRADL. 12°22′51″	— 13,″18
TOB. MAYER	131 14 51		T. MAY. 12 22 53	
DE ZACH	131 14 53		BARRY 12 22 58	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″41 —		— 4,″85 +	
10	9, 54	2,″87	4, 28	0,″57
20	6, 41	3, 13	3, 57	0, 71
1 0 7	+ 3, 05 —	3, 36	2, 78	0, 79
10	— 0, 40 +	3, 45	1, 89	0, 89
20	3, 82	3, 42	— 0, 93 +	0, 96
2 0 8	7, 14	3, 32	+ 0, 03 —	0, 96
10	10, 22	3, 08	1, 01	0, 98
20	13, 00	2, 78	1, 96	0, 95
3 0 9	15, 38	2, 38	2, 83	0, 87
10	17, 30	1, 92	3, 61	0, 78
20	18, 69	1, 39	4, 31	0, 70
4 0 10	19, 52	0, 83	4, 87	0, 56
10	19, 75	0, 23	5, 27	0, 40
20	19, 38	0, 37	5, 53	0, 26
5 0 11	18, 44	0, 94	5, 60	0, 07
10	16, 91	1, 53	5, 50	0, 10
20	14, 89	2, 02	5, 25	0, 25

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″38 —		+ 7,″16 —	
10	— 1, 68 +	3,″06	7, 87	0,″71
20	4, 64	2, 96	8, 35	0, 48
1 0 7	7, 52	2, 88	8, 55	0, 20
10	10, 22	2, 70	8, 51	0, 04
20	12, 53	2, 31	8, 20	0, 31
2 0 8	14, 48	1, 95	7, 66	0, 54
10	15, 99	1, 51	6, 79	0, 87
20	17, 01	1, 02	5, 87	0, 92
3 0 9	17, 52	0, 51	4, 71	1, 16
10	17, 49	0, 03	3, 37	1, 34
20	16, 94	0, 55	1, 95	1, 42
4 0 10	15, 86	1, 08	+ 0, 47 —	1, 48
10	14, 30	1, 56	— 1, 06 +	1, 53
20	12, 32	1, 98	2, 48	1, 42
5 0 11	9, 95	2, 37	3, 84	1, 36
10	6, 95	3, 00	5, 14	1, 30
20	4, 40	2, 55	6, 25	1, 11

1 ad ℓ Cancri. 6. 62

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	131° 31′ 10″	+ 50,″37	CAILLE 16° 4′ 55″	— 13,″25
TOB. MAYER	131 31 2		T. MAY. 16 4 52	
DE ZACH	131 31 3		BARRY 16 4 52	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″65 —		— 3,″91 +	
10	9, 75	2,″90	3, 19	0,″72
20	6, 57	3, 18	2, 40	0, 79
1 0 7	+ 3, 15 —	3, 42	1, 51	0, 89
10	— 0, 33 +	3, 48	— 0, 59 +	1, 92
20	3, 80	3, 47	+ 0, 34 —	0, 93
2 0 8	7, 18.	3, 38	1, 23	0, 89
10	10, 31	3, 13	2, 10	0, 87
20	13, 41	3, 10	2, 95	0, 85
3 0 9	15, 58	2, 17	3, 63	0, 68
10	17, 54	1, 96	4, 28	0, 65
20	18, 97	1, 43	4, 77	0, 49
4 0 10	19, 81	0, 84	5, 07	0, 30
10	20, 06	0, 25	5, 29	0, 22
20	19, 70	0, 36	5, 31	0, 02
5 0 11	18, 74	0, 96	5, 18	0, 13
10	17, 22	1, 52	4, 87	0, 31
20	15, 15	2, 07	4, 43	0, 44

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″85 —		+ 7,″14 —	
10	— 1, 31 +	3,″16	7, 86	0,″72
20	4, 41	3, 10	8, 34	0, 48
1 0 7	7, 36	2, 95	8, 54	0, 20
10	10, 10	2, 74	8, 51	0, 03
20	12, 54	2, 44	8, 20	0, 31
2 0 8	14, 59	2, 05	7, 66	0, 54
10	16, 19	1, 60	6, 88	0, 78
20	17, 32	1, 13	5, 88	1, 00
3 0 9	17, 88	0, 56	4, 73	1, 15
10	17, 92	0, 04	3, 40	1, 33
20	17, 45	0, 47	1, 98	1, 42
4 0 10	16, 40	1, 05	+ 0, 49 —	1, 49
10	14, 87	1, 53	— 0, 98 +	1, 47
20	12, 89	1, 98	2, 45	1, 47
5 0 11	10, 51	2, 38	3, 82	1, 37
10	7, 84	2, 67	5, 11	1, 29
20	4, 90	2, 94	6, 23	1, 12

3 ad σ Cancri. 6. 64

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	131° 47′ 0″	+ 55,″85	FLAMST 33°11′ 5″	— 13,″29
DE ZACH	131 48 19		BARRY 33 11 31	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 14,″63 —		+ 0,″80 —	
10	11, 29	3,″34	2, 06	1,″26
20	7, 65	3, 64	3, 26	1, 20
♌ 1 0 7	+ 3, 74 —	3, 91	4, 35	1, 09
10	— 0, 26 +	4, 00	5, 32	0, 97
20	4, 25	3, 99	6, 12	0, 80
♌ 2 0 8	8, 14	3, 89	6, 75	0, 63
10	11, 73	3, 59	7, 15	0, 40
20	15, 00	3, 27	7, 33	0, 18
♌ 3 0 9	17, 79	2, 79	7, 30	0, 03
10	20, 09	2, 30	7, 05	0, 25
20	21, 74	1, 65	6, 57	0, 48
♌ 4 0 10	22, 72	0, 98	5, 92	0, 65
10	23, 16	0, 44	5, 08	0, 84
20	22, 64	0, 52	4, 08	1, 00
♌ 5 0 11	21, 56	1, 08	2, 95	1, 13
10	19, 84	1, 72	1, 73	1, 22
20	17, 48	2, 36	0, 48	1, 25

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 4,″15 —		+ 7,″09 —	
10	0, 66	3,″49	7, 81	0,″72
20	— 2, 87 +	3, 53	8, 30	0, 49
♌ 1 0 7	6, 30	3, 43	8, 51	0, 21
10	9, 55	3, 25	8, 49	0, 02
20	12, 50	2, 95	8, 18	0, 31
♌ 2 0 8	15, 08	2, 58	7, 65	0, 53
10	17, 20	2, 12	6, 88	0, 77
20	18, 78	1, 58	5, 89	0, 99
♌ 3 0 9	19, 81	1, 03	4, 75	1, 14
10	20, 23	0, 42	3, 43	1, 32
20	20, 05	0, 18	2, 02	1, 41
♌ 4 0 10	19, 23	0, 82	+ 0, 53 —	1, 49
10	17, 85	1, 38	— 0, 93 +	1, 46
20	15, 93	1, 92	2, 39	1, 46
♌ 5 0 11	13, 50	2, 43	3, 78	1, 39
10	10, 70	2, 80	5, 07	1, 29
20	7, 53	3, 17	6, 18	1, 11

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	131° 53′ 2″		BRADL. 12°37′24″	
DE LA CAILLE	131 53 2		CAILLE 12 37 33	
TOB. MAYER	131 52 59		T. MAY. 12 37 27	
DE LAMBRE	131 53 1	+	BARRY 12 37 26	—
DE ZACH	131 53 0	49.″38	L.LAND. 12 37 36	13.″34

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″55 —		— 4,″90 +	
10	9, 71	2,″84	4, 24	0,″66
20	6, 59	3, 12	3, 51	0, 73
1 0 7	+ 3, 25 —	3, 34	2, 69	0, 82
10	— 0, 19 +	3, 44	1, 80	0, 89
20	3, 61	3, 42	— 0, 84 +	0, 96
2 0 8	6, 95	3, 34	+ 0, 12 —	0, 96
10	10, 03	3, 08	1, 10	0, 98
20	12, 84	2, 81	2, 05	0, 95
3 0 9	15, 24	2, 40	2, 92	0, 87
10	17, 21	1, 97	3, 70	0, 78
20	18, 63	1, 42	4, 38	0, 68
4 0 10	19, 48	0, 85	4, 94	0, 56
10	19, 75	0, 27	5, 32	0, 38
20	19, 42	0, 33	5, 55	0, 23
5 0 11	18, 50	0, 92	5, 62	0, 07
10	17, 03	1, 47	5, 50	0, 12
20	15, 01	2, 02	5, 26	0, 24

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″43 —		+ 7,″10 —	
10	— 1, 64 +	3,″07	7, 82	0,″72
20	4, 66	3, 02	8, 31	0, 49
1 0 7	7, 53	2, 87	8, 53	0, 22
10	10, 17	2, 64	8, 51	0, 02
20	12, 51	2, 34	8, 21	0, 30
2 0 8	14, 47	1, 96	7, 67	0, 54
10	15, 99	1, 52	6, 91	0, 76
20	17, 02	1, 03	5, 92	0, 99
3 0 9	17, 51	0, 49	4, 77	1, 15
10	17, 51	0, 00	3, 45	1, 32
20	16, 97	0, 54	2, 04	1, 41
4 0 10	15, 94	1, 03	+ 0, 54 —	1, 50
10	14, 35	1, 59	— 0, 93 +	1, 47
20	12, 36	1, 99	2, 39	1, 46
5 0 11	10, 00	2, 36	3, 76	1, 37
10	7, 35	2, 65	5, 06	1, 30
20	4, 45	2, 90	6, 18	1, 12

4 ad σ Cancri. 6. 66

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	132° 16′ 23″	+ 55,″71	FLAMST. 33°1′13″	— 13,″42
DE ZACH	132 16 29		BARRY 33 1 24	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″73 —		+ 0,″72 —	
10	11, 44	3,″29	1, 97	1,″25
20	7, 81	3, 63	3, 17	1, 20
1 0 7	+ 3, 94 —	3, 87	4, 28	1, 11
10	— 0, 06 +	4, 00	5, 26	0, 98
20	4, 04	3, 98	6, 08	0, 82
2 0 8	7, 93	3, 89	6, 70	0, 62
10	11, 53	3, 60	7, 13	0, 43
20	14, 81	3, 28	7, 35	0, 22
3 0 9	17, 64	2, 83	7, 33	0, 02
10	19, 94	2, 30	7, 09	0, 24
20	21, 62	1, 68	6, 65	0, 44
4 0 10	22, 64	1, 02	6, 00	0, 65
10	22, 98	0, 34	5, 17	0, 83
20	22, 64	0, 34	4, 15	1, 02
5 0 11	21, 58	1, 06	3, 06	1, 09
10	19, 88	1, 70	1, 85	1, 21
20	17, 57	2, 31	0, 58	1, 27

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 4,″17 —		+ 7,″05 —	
10	0, 68	3,″49	7, 77	0,″72
20	— 2, 84 +	3, 52	8, 27	0, 50
1 0 7	6, 26	3, 42	8, 50	0, 23
10	9, 52	3, 26	8, 49	0, 01
20	12, 46	2, 94	8, 19	0, 30
2 0 8	15, 02	2, 56	7, 66	0, 53
10	17, 14	2, 12	6, 91	0, 75
20	18, 73	1, 59	5, 94	0, 97
3 0 9	19, 76	1, 03	4, 79	1, 15
10	20, 17	0, 41	3, 49	1, 30
20	20, 00	0, 17	2, 08	1, 41
4 0 10	19, 19	0, 81	+ 0, 60 —	1, 48
10	17, 82	1, 37	— 0, 87 +	1, 47
20	15, 90	1, 92	2, 32	1, 45
5 0 11	13, 49	2, 41	3, 71	1, 39
10	10, 69	2, 80	5, 00	1, 29
20	7, 53	3, 16	6, 13	1, 13

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	132° 45′ 15″	+ 52,″99	CAILLE 25°13′51″	— 13,″57
TOB. MAYER	132 45 15		T. MAY. 25 13 49	
DE ZACH	132 45 15		BARRY 25 13 52	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″75 —		— 1,″49 +	
10	10, 75	3,″00	0, 41	1,″08
20	7, 36	3, 39	+ 0, 59 —	1, 00
1 0 7	3, 77	3, 59	1, 62	1, 03
10	+ 0, 09 —	3, 68	2, 59	0, 97
20	— 3, 62 +	3, 71	3, 49	0, 90
2 0 8	7, 21	3, 59	4, 28	0, 79
10	10, 56	3, 35	4, 92	0, 64
20	13, 61	3, 05	5, 44	0, 52
3 0 9	16, 25	2, 64	5, 78	0, 34
10	18, 38	2, 13	5, 95	0, 17
20	19, 97	1, 59	5, 94	0, 01
4 0 10	20, 93	0, 96	5, 74	0, 20
10	21, 28	0, 35	5, 37	0, 37
20	20, 97	0, 31	4, 84	0, 53
5 0 11	20, 02	0, 95	4, 15	0, 69
10	18, 46	1, 56	3, 37	0, 78
20	16, 36	2, 10	2, 44	0, 93

Long: ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″05 —		+ 7,″01 —	
10	— 0, 26 +	3,″31	7, 75	0,″74
20	3, 57	3, 31	8, 25	0, 50
1 0 7	6, 76	3, 19	8, 48	0, 23
10	9, 76	3, 00	8, 48	0, 00
20	12, 44	2, 68	8, 20	0, 28
2 0 8	14, 77	2, 33	7, 69	0, 51
10	16, 64	1, 87	6, 94	0, 75
20	17, 99	1, 35	5, 98	0, 96
3 0 9	18, 81	0, 82	4, 84	1, 14
10	19, 05	0, 24	3, 54	1, 30
20	18, 73	0, 32	2, 13	1, 41
4 0 10	17, 81	0, 92	+ 0, 66 —	1, 47
10	16, 36	1, 45	— 0, 81 +	1, 47
20	14, 42	1, 94	2, 26	1, 45
5 0 11	12, 04	2, 38	3, 66	1, 40
10	9, 31	2, 73	4, 96	1, 30
20	6, 26	3, 05	6, 08	1, 12

τ Cancri. 6. 72

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	133° 59′ 16″		FLAMST 30°26′43″	
DE ZACH	133 59 24	+ 54,″55	BARRY 30 26 55	— 13,″87

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″78 —		— 0,″17 +	
10	11, 66	3,″12	+ 1, 08 —	1,″25
20	8, 18	3, 48	2, 25	1, 17
1 0 7	4, 45	3, 73	3, 37	1, 12
10	+ 0, 60 —	3, 85	4, 40	1, 03
20	— 3, 27 +	3, 87	5, 28	0, 88
2 0 8	7, 06	3, 79	6, 00	0, 72
10	10, 61	3, 55	6, 55	0, 55
20	13, 86	3, 25	6, 95	0, 40
3 0 9	16, 69	2, 83	7, 04	0, 09
10	19, 00	2, 31	6, 97	0, 07
20	20, 75	1, 75	6, 68	0, 29
4 0 10	21, 84	1, 09	6, 20	0, 48
10	22, 30	0, 46	5, 50	0, 70
20	22, 04	0, 26	4, 65	0, 85
5 0 11	21, 15	0, 89	3, 68	0, 97
10	19, 60	1, 55	2, 57	1, 11
20	17, 46	2, 14	1, 39	1, 18

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″89 —		+ 6,″85 —	
10	+ 0, 67 —	3,″22	7, 61	0,″76
20	— 2, 81 +	3, 48	8, 13	0, 52
1 0 7	6, 30	3, 49	8, 41	0, 28
10	9, 46	3, 16	8, 43	0, 02
20	12, 33	2, 87	8, 18	0, 25
2 0 8	14, 81	2, 48	7, 69	0, 49
10	16, 86	2, 05	6, 98	0, 71
20	18, 46	1, 60	6, 05	0, 93
3 0 9	19, 35	0, 89	4, 94	1, 11
10	20, 07	0, 72	3, 66	1, 28
20	19, 64	0, 43	2, 29	1, 37
4 0 10	18, 70	0, 94	+ 0, 83 —	1, 46
10	17, 32	1, 38	— 0, 62 +	1, 45
20	15, 55	1, 77	2, 07	1, 45
5 0 11	13, 04	2, 51	3, 47	1, 40
10	10, 29	2, 75	4, 77	1, 30
20	7, 29	3, 00	5, 90	1, 13

74 Cancri. 6. 74

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	134° 3′ 47″	+ 50,″00	FLAMST 15°19′39″	— 13,″90
DE ZACH	134 15 48		BARRY 15 15 30	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″22 —		— 4,″21 +	
10	10, 42	2,″80	3, 52	0,″69
20	7, 31	3, 11	2, 72	0, 80
1 0 7	3, 98	3, 33	1, 84	0, 88
10	+ 0, 54 —	3, 44	— 0, 88 +	0, 96
20	— 2, 92 +	3, 46	+ 0, 12 —	1, 00
2 0 8	6, 31	3, 39	1, 06	0, 94
10	9, 48	3, 17	1, 99	0, 93
20	12, 39	2, 91	2, 87	0, 88
3 0 9	14, 92	2, 53	3, 66	0, 79
10	16, 98	2, 06	4, 33	0, 67
20	18, 54	1, 56	4, 90	0, 57
4 0 10	19, 52	0, 98	5, 27	0, 37
10	19, 92	0, 40	5, 50	0, 23
20	19, 70	0, 22	5, 58	0, 08
5 0 11	18, 90	0, 80	5, 49	0, 09
10	17, 52	1, 38	5, 22	0, 27
20	15, 60	1, 92	4, 80	0, 42

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″81 —		+ 6,″85 —	
10	— 1, 30 +	3,″11	7, 69	0,″84
20	4, 38	3, 08	8, 13	0, 44
1 0 7	7, 30	2, 92	8, 41	0, 28
10	10, 02	2, 72	8, 44	0, 03
20	12, 42	2, 40	8, 18	0, 26
2 0 8	14, 46	2, 04	7, 69	0, 49
10	16, 06	1, 60	6, 98	0, 71
20	17, 16	1, 10	6, 05	0, 93
3 0 9	17, 74	0, 58	4, 94	1, 11
10	17, 78	0, 04	3, 66	1, 28
20	17, 30	0, 48	2, 29	1, 37
4 0 10	16, 27	1, 03	+ 0, 83 —	1, 46
10	14, 75	1, 52	— 0, 62 +	1, 45
20	12, 79	1, 96	2, 07	1, 45
5 0 11	10, 43	2, 36	3, 47	1, 40
10	7, 78	2, 65	4, 77	1, 30
20	4, 86	2, 92	5, 90	1, 13

α Cancri, ſequitur extremitatem auſtrini forficis. 4. 76

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	134° 13′ 32″	+ 48,″95	BRADL. 11° 27′ 52″	— 13,″95
TOB. MAYER	134 13 32		T. MAY. 11 27 52	
DE ZACH	134 13 32		BARRY 11 27 58	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″06 —		— 5,″21 +	
10	10, 32	2,″74	4, 64	0,″57
20	7, 28	3, 04	3, 94	0, 70
1 0 7	3, 98	3, 30	3, 12	0, 82
10	+ 0, 60 —	3, 38	2, 20	0, 92
20	— 2, 81 +	3, 41	1, 21	0, 99
2 0 8	6, 15	3, 34	— 0, 21 +	1, 00
10	9, 28	3, 13	+ 0, 81 —	1, 02
20	12, 14	2, 86	1, 82	1, 01
3 0 9	14, 64	2, 50	2, 77	0, 95
10	16, 67	2, 03	3, 64	0, 87
20	18, 22	1, 55	4, 39	0, 75
4 0 10	19, 19	0, 97	5, 01	0, 62
10	19, 61	0, 42	5, 45	0, 44
20	19, 41	0, 20	5, 76	0, 31
5 0 11	18, 62	0, 79	5, 90	0, 14
10	17, 26	1, 36	5, 83	0, 07
20	15, 40	1, 86	5, 60	0, 23

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″35 —		+ 6,″83 —	
10	— 1, 69 +	3,″04	7, 59	0,″76
20	4, 68	2, 99	8, 11	0, 52
1 0 7	7, 52	2, 84	8, 40	0, 29
10	10, 14	2, 62	8, 43	0, 03
20	12, 46	2, 32	8, 19	0, 24
2 0 8	14, 40	1, 94	7, 78	0, 49
10	15, 88	1, 48	6, 99	0, 79
20	17, 08	1, 20	6, 07	0, 92
3 0 9	17, 38	0, 30	4, 96	1, 11
10	17, 34	0, 04	3, 69	1, 27
20	16, 80	0, 54	2, 31	1, 38
4 0 10	15, 73	1, 07	+ 0, 87 —	1, 44
10	14, 17	1, 56	— 0, 59 +	1, 46
20	12, 21	1, 96	2, 05	1, 46
5 0 11	9, 75	2, 46	3, 43	1, 38
10	7, 22	2, 53	4, 73	1, 30
20	4, 35	2, 87	5, 87	1, 14

ξ Cancri, duar. ſupra nubem ſequentium præcedens. 5. 77

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	134° 27′ 43″	+ 52,″08	BRADL. 22° 50′ 45″	— 14,″01
DE LA CAILLE	134 26 30		CAILLE 22 50 53	
TOB. MAYER	134 27 34		T. MAY. 22 50 46	
DE ZACH	134 27 33		BARRY 22 50 48	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″00 —		— 2,″32 +	
10	11, 12	2,″88	1, 32	1,″00
20	7, 88	3, 24	— 0, 31 +	1, 01
1 0 7	4, 40	3, 48	+ 0, 75 —	1, 06
10	+ 0, 81 —	3, 59	1, 76	1, 01
20	— 2, 81 +	3, 62	2, 69	0, 93
2 0 8	6, 36	3, 55	3, 60	0, 91
10	9, 70	3, 34	4, 33	0, 73
20	12, 75	3, 05	4, 97	0, 64
3 0 9	15, 45	2, 70	5, 45	0, 48
10	17, 63	2, 18	5, 77	0, 32
20	19, 30	1, 67	5, 79	0, 02
4 0 10	20, 36	1, 06	5, 87	0, 08
10	20, 81	0, 45	5, 64	0, 23
20	20, 63	0, 18	5, 25	0, 39
5 0 11	19, 83	0, 80	4, 72	0, 53
10	18, 42	1, 41	4, 04	0, 68
20	16, 46	1, 96	3, 21	0, 83

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″82 —		+ 6,″78 —	
10	— 0, 43 +	3,″25	7, 55	0,″77
20	3, 67	3, 24	8, 09	0, 54
1 0 7	6, 76	3, 09	8, 38	0, 29
10	9, 72	2, 96	8, 42	0, 04
20	12, 34	2, 62	8, 20	0, 22
2 0 8	14, 65	2, 31	7, 72	0, 48
10	16, 40	1, 75	7, 02	0, 70
20	17, 70	1, 30	6, 11	0, 91
3 0 9	18, 51	0, 81	5, 01	1, 10
10	18, 68	0, 17	3, 75	1, 26
20	18, 33	0, 35	2, 38	1, 37
4 0 10	17, 42	0, 91	+ 0, 93 —	1, 45
10	15, 96	1, 46	— 0, 52 +	1, 45
20	14, 04	1, 92	1, 97	1, 45
5 0 11	11, 67	2, 37	3, 37	1, 40
10	8, 98	2, 69	4, 67	1, 30
20	5, 99	2, 99	5, 81	1, 14

π Cancri, ſupra flexum auſtralis forficis. 7. 8

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	135° 21′ 22″		FLAMST. 15°46′58″	
DE ZACH	135 19 53	+ 50,″03	BARRY 15 47 38	— 14,″

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Diff
0 0 6	+ 13,″71 —		— 4,″21 +	
10	11, 00	2, 71	3, 46	0,″
20	7, 95	3, 05	2, 60	0,
1 0 7	4, 64	3, 31	1, 69	0,
10	+ 1, 23 —	3, 41	— 0, 69 +	1,
20	— 2, 24 +	3, 47	+ 0, 31 —	1,
2 0 8	5, 65	3, 41	1, 29	0,
10	8, 88	3, 23	2, 25	0,
20	11, 84	2, 96	3, 13	0,
3 0 9	14, 43	2, 59	3, 92	0,
10	16, 59	2, 16	4, 58	0,
20	18, 25	1, 66	5, 11	0,
4 0 10	19, 36	1, 11	5, 50	0,
10	19, 88	0, 52	5, 69	0,
20	19, 78	0, 10	5, 70	0,
5 0 11	19, 09	0, 69	5, 60	0,
10	17, 82	1, 27	5, 28	0,
20	16, 06	1, 76	4, 80	0,

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Diff
0 0 6	+ 1,″94 —		+ 6,″62 —	
10	— 1, 17 +	3,″11	7, 41	0,″
20	4, 25	3, 08	7, 98	0,
1 0 7	7, 19	2, 94	8, 29	0,
10	9, 92	2, 73	8, 36	0,
20	12, 30	2, 38	8, 17	0,
2 0 8	14, 39	2, 09	7, 73	0,
10	16, 02	1, 63	7, 07	0,
20	17, 14	1, 12	6, 17	0,
3 0 9	17, 75	0, 61	5, 11	1,
10	17, 81	0, 06	3, 88	1,
20	17, 34	0, 47	2, 53	1,
4 0 10	16, 34	1, 00	+ 1, 11 —	1,
10	14, 83	1, 51	— 0, 35 +	1,
20	12, 89	1, 94	1, 78	1,
5 0 11	10, 55	2, 34	3, 18	1,
10	7, 90	2, 65	4, 49	1,
20	5, 04	2, 86	5, 64	1,

83 Cancri. 6. 83

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	136° 56′ 44″		FLAMST 18° 32′ 35″	
DE ZACH	136 56 55	+ 50,″54	BARRY 18 32 45	— 14.″60

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 0 6	+ 14,″11 —		— 3,″57 +	
10	11, 41	2,″70	2, 74	0,″83
20	8, 34	3, 07	1, 77	0, 97
1 0 7	5, 03	3, 31	— 0, 77 +	1, 00
10	+ 1, 57 —	3, 46	+ 0, 25 —	1, 02
20	— 1, 96 +	3, 53	1, 26	1, 01
2 0 8	5, 42	3, 46	2, 22	0, 96
10	8, 71	3, 29	2, 13	0, 91
20	11, 74	3, 03	3, 96	0, 83
3 0 9	14, 41	2, 67	4, 64	0, 68
10	16, 65	2, 24	5, 19	0, 55
20	18, 36	1, 71	5, 58	0, 39
4 0 10	19, 55	1, 19	5, 77	0, 19
10	20, 14	0, 59	5, 86	0, 09
20	20, 09	0, 05	5, 72	0, 14
5 0 11	19, 44	0, 65	5, 42	0, 30
10	18, 20	1, 24	4, 94	0, 48
20	16, 41	1, 79	4, 32	0, 62

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″34 —		+ 6,″52 —	
10	— 0, 82 +	3,″16	7, 33	0,″81
20	3, 97	3, 15	7, 92	0, 59
1 0 7	6, 96	2, 99	8, 23	0, 31
10	9, 77	2, 81	8, 33	0, 10
20	12, 27	2, 50	8, 16	0, 17
2 0 8	14, 40	2, 13	7, 73	0, 43
10	16, 10	1, 70	7, 10	0, 63
20	17, 30	1, 20	6, 24	0, 86
3 0 9	17, 98	0, 68	5, 18	1, 06
10	18, 11	0, 13	3, 98	1, 20
20	17, 70	0, 41	2, 63	1, 35
4 0 10	16, 73	0, 97	+ 1, 24 —	1, 39
10	15, 26	1, 47	— 0, 22 +	1, 46
20	13, 35	1, 91	1, 64	1, 42
5 0 11	11, 91	2, 34	3, 05	1, 41
10	8, 35	2, 66	4, 35	1, 30
20	5, 42	2, 93	5, 53	1, 18

κ Leonis, quæ eſt in nare. 4.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.
DE LA CAILLE	138° 14′ 35″	+ 52,″86	CAILLE 27° 2′ 10″
TOB. MAYER	138 14 39		T. MAY. 27 2 8
DE ZACH	138 14 36		BARRY 27 2 11

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.
0	0	6	+ 15,″35 —		— 1,″54 +
	10		12, 52	2,″83	— 0, 33 +
	20		9, 32	3, 20	+ 0, 89 —
1	0	7	5, 80	3, 52	2, 05
	10		+ 2, 16 —	3, 64	3, 16
	20		— 1, 59 +	3, 75	4, 19
2	0	8	5, 29	3, 70	5, 09
	10		8, 82	3, 53	5, 83
	20		12, 07	3, 25	6, 43
3	0	9	14, 97	2, 90	6, 77
	10		17, 41	2, 44	6, 93
	20		19, 31	1, 90	6, 88
4	0	10	20, 63	1, 32	6, 64
	10		21, 34	0, 71	6, 26
	20		21, 39	0, 05	5, 51
5	0	11	20, 78	0, 61	4, 66
	10		19, 55	1, 23	3, 75
	20		17, 73	1, 82	2, 68

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.
0	0	6	+ 3,″62 —		+ 6,″37 —
	10		+ 0, 32 —	3,″30	7, 17
	20		— 3, 01 +	3, 33	7, 80
1	0	7	6, 24	3, 23	8, 15
	10		9, 34	3, 10	8, 28
	20		12, 11	2, 77	8, 15
2	0	8	14, 43	2, 32	7, 75
	10		16, 40	1, 97	7, 16
	20		17, 85	1, 45	6, 31
3	0	9	18, 77	0, 92	5, 29
	10		19, 11	0, 34	4, 10
	20		18, 88	0, 23	2, 79
4	0	10	18, 07	0, 81	+ 1, 40 —
	10		16, 70	1, 37	— 0, 03 +
	20		14, 84	1, 86	1, 47
5	0	11	12, 52	2, 32	2, 85
	10		9, 84	2, 68	4, 18
	20		6, 83	3, 01	5, 35

α Leonis. 5. 2

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	139° 26′ 3″	+ 48,″32	BRADL. 9°55′10″	— 15,″20
DE LA CAILLE	139 26 26		CAILLE 9 54 16	
TOB. MAYER	139 25 59		T. MAY. 9 55 14	
DE ZACH	139 25 54		BARRY 9 55 11	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″14 —		— 5,″77 +	
10	11, 62	2,″52	5, 22	0,″55
20	8, 77	2, 85	4, 54	0, 68
1 0 7	5, 63	3, 14	3, 70	0, 84
10	+ 2, 33 —	3, 30	2, 75	0, 95
20	— 1, 04 +	3, 34	1, 72	1, 03
2 0 8	4, 38	3, 34	— 0, 62 +	1, 10
10	7, 58	3, 20	+ 0, 49 —	1, 11
20	10, 55	2, 97	1, 58	1, 09
3 0 9	13, 21	2, 66	2, 62	1, 04
10	15, 46	2, 25	3, 59	0, 97
20	17, 24	1, 78	4, 45	0, 86
4 0 10	18, 50	1, 26	5, 18	0, 73
10	19, 21	0, 71	5, 74	0, 56
20	19, 32	0, 11	6, 14	0, 40
5 0 11	18, 85	0, 47	6, 34	0, 20
10	17, 81	1, 04	6, 34	0, 00
20	16, 21	1, 60	6, 16	0, 18

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″27 —		+ 6,″20 —	
10	— 1, 73 +	3,″00	7, 05	0,″85
20	4, 69	2, 96	7, 69	0, 64
1 0 7	7, 48	2, 79	8, 09	0, 40
10	10, 05	2, 57	8, 22	0, 13
20	12, 33	2, 28	8, 13	0, 09
2 0 8	14, 23	1, 90	7, 77	0, 36
10	15, 70	1, 47	7, 20	0, 57
20	16, 68	0, 98	6, 39	0, 81
3 0 9	17, 16	0, 48	5, 39	1, 00
10	17, 12	0, 04	4, 23	1, 16
20	16, 56	0, 56	2, 95	1, 28
4 0 10	15, 50	1, 06	1, 57	1, 38
10	13, 95	1, 55	+ 0, 14 —	1, 43
20	12, 00	1, 95	— 1, 29 +	1, 43
5 0 11	9, 69	2, 31	2, 68	1, 39
10	7, 07	2, 62	3, 99	1, 31
20	4, 23	2, 84	5, 18	1, 19

λ Leonis, in hiatu oris. 4. 4

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	140° 4′ 12″		T. MAY. 23°50′34″	
DE ZACH	140 4 11	+ 51,″74	BARRY 23 50 35	— 15,″34

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 15,″40 —		— 2,″50 +	
10	12, 72	2,″68	1, 42	1,″08
20	9, 67	3, 05	— 0, 24 +	1, 18
♌ 1 0 7	6, 31	3, 36	+ 0, 93 —	1, 17
10	+ 2, 77 —	3, 54	2, 09	1, 16
20	— 0, 86 +	3, 63	3, 12	1, 03
♌ 2 0 8	4, 46	3, 60	4, 10	0, 98
10	7, 93	3, 47	4, 96	0, 86
20	11, 14	3, 21	5, 68	0, 72
♌ 3 0 9	14, 02	2, 88	6, 20	0, 52
10	16, 49	2, 47	6, 55	0, 35
20	18, 43	1, 94	6, 71	0, 16
♌ 4 0 10	19, 85	1, 42	6, 65	0, 06
10	20, 64	0, 79	6, 44	0, 21
20	20, 81	0, 17	5, 92	0, 52
♌ 5 0 11	20, 35	0, 46	5, 30	0, 62
10	19, 27	1, 08	4, 56	0, 74
20	17, 59	1, 68	3, 58	0, 98

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 3,″23 —		+ 6,″12 —	
10	0, 00	3,″23	6, 97	0,″85
20	— 3, 25 +	3, 25	7, 63	0, 66
♌ 1 0 7	6, 39	3, 14	8, 02	0, 39
10	9, 33	2, 94	8, 18	0, 16
20	11, 98	2, 65	8, 11	0, 07
♌ 2 0 8	14, 28	2, 30	7, 77	0, 34
10	16, 15	1, 87	7, 22	0, 55
20	17, 52	1, 37	6, 44	0, 78
♌ 3 0 9	18, 37	0, 85	5, 45	0, 99
10	18, 64	0, 27	4, 30	1, 15
20	18, 37	0, 27	3, 02	1, 28
♌ 4 0 10	17, 52	0, 85	1, 65	1, 37
10	16, 14	1, 38	+ 0, 24 —	1, 41
20	14, 28	1, 86	— 1, 19 +	1, 43
♌ 5 0 11	11, 98	2, 30	2, 58	1, 39
10	9, 33	2, 65	3, 88	1, 30
20	6, 37	2, 96	5, 08	1, 20

ξ Leonis, in vola pedis dextri anterioris. 4. 5

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	140° 17′ 22″		BRADL. 12°11′41″	
DE LA CAILLE	140 17 19		CAILLE 12 11 54	
TOB. MAYER	140 17 19			
DE ZACH	140 17 12	+ 48,″80	T. MAY. 12 11 45	— 15,″39

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″45 —		— 5,″33 +	
10	11, 95	2,″50	4, 67	0,″66
20	9, 09	2, 86	3, 89	0, 78
1 0 7	5, 86	3, 23	3, 00	0, 89
10	+ 2, 66 —	3, 20	1, 99	1, 01
20	— 0, 74 +	3, 40	— 0, 92 +	1, 07
2 0 8	4, 10	3, 36	+ 0, 15 —	1, 07
10	7, 38	3, 28	1, 24	1, 09
20	10, 36	2, 98	2, 28	1, 04
3 0 9	13, 06	2, 70	3, 25	0, 97
10	15, 38	2, 32	4, 13	0, 88
20	17, 22	1, 84	4, 87	0, 74
4 0 10	18, 54	1, 32	5, 48	0, 61
10	19, 31	0, 77	5, 92	0, 44
20	19, 47	0, 16	6, 16	0, 24
5 0 11	19, 05	0, 42	6, 26	0, 10
10	18, 05	1, 00	6, 15	0, 11
20	16, 50	1, 55	5, 86	0, 29

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″58 —		+ 6,″10 —	
10	— 1, 45 +	3,″03	6, 95	0,″85
20	4, 44	2, 99	7, 61	0, 66
1 0 7	7, 29	2, 85	8, 01	0, 40
10	9, 93	2, 64	8, 18	0, 17
20	12, 25	2, 32	8, 11	0, 07
2 0 8	14, 21	1, 96	7, 77	0, 34
10	15, 75	1, 54	7, 23	0, 54
20	16, 79	1, 04	6, 45	0, 78
3 0 9	17, 33	0, 54	5, 47	0, 98
10	17, 34	0, 01	4, 32	1, 15
20	16, 84	0, 50	3, 04	1, 28
4 0 10	15, 80	1, 04	1, 68	1, 36
10	14, 29	1, 51	+ 0, 27 —	1, 41
20	12, 35	1, 94	— 1, 16 +	1, 43
5 0 11	10, 03	2, 32	2, 55	1, 39
10	7, 42	2, 61	3, 86	1, 31
20	4, 57	2, 85	5, 05	1, 19

h Leonis. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Va ann De me
DE LA CAILLE	140° 18′ 23″		CAILLE 10°35′29″	
TOB. MAYER	140 18 23		T. MAY. 10 35 26	
DE ZACH	140 18 15	+ 48,″43	BARRY 10 35 30	— 15,″

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Diff
0 0 6	+ 14,″36 —		— 5,″67 +	
10	11, 88	2,″48	5, 10	0,″
20	9, 04	2, 84	4, 39	0,
1 0 7	5, 93	3, 11	3, 51	0,
10	+ 2, 65 —	3, 28	2, 53	0,
20	— 0, 73 +	3, 38	1, 47	1,
2 0 8	4, 08	3, 35	— 0, 39 +	1,
10	7, 33	3, 25	+ 0, 74 —	1,
20	10, 31	2, 98	1, 81	1,
3 0 9	12, 99	2, 68	2, 83	1,
10	15, 29	2, 30	3, 76	0,
20	17, 12	1, 83	4, 63	0,
4 0 10	18, 43	1, 31	5, 29	0,
10	19, 20	0, 77	5, 81	0,
20	19, 36	0, 16	6, 15	0,
5 0 11	18, 94	0, 42	6, 33	0,
10	17, 95	0, 99	6, 30	0,
20	16, 41	1, 54	6, 08	0,

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Diff
0 0 6	+ 1,″37 —		+ 6,″10 —	
10	— 1, 63 +	3,″00	6, 95	0,″
20	4, 60	2, 97	7, 61	0,
1 0 7	7, 41	2, 81	8, 01	0,
10	10, 09	2, 68	8, 18	0,
20	12, 29	2, 20	8, 11	0,
2 0 8	14, 21	1, 92	7, 77	0,
10	15, 70	1, 49	7, 23	0,
20	16, 70	1, 00	6, 45	0,
3 0 9	17, 20	0, 50	5, 47	0,
10	17, 17	0, 03	4, 32	1,
20	16, 64	0, 53	3, 04	1,
4 0 10	15, 58	1, 06	1, 68	1,
10	14, 05	1, 53	+ 0, 27 —	1,
20	12, 11	1, 94	— 1, 16 +	1,
5 0 11	9, 78	2, 33	2, 55	1,
10	7, 38	2, 40	3, 86	1,
20	4, 34	3, 04	5, 05	1,

8 Leonis. 6. 7. 8

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	141° 29′ 47″		T. MAY. 17° 19′ 33″	
DE ZACH	141 29 45	+ 49,″94	BARRY 17 19 37	— 15,″66

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 15,″03 —		— 4,″17 +	
10	12, 54	2,″49	3, 32	0,″85
20	9, 66	2, 88	2, 36	0, 96
1 0 7	6, 52	3, 14	1, 31	1, 05
10	+ 3, 14 —	3, 38	— 0, 22 +	1, 09
20	— 0, 34 +	3, 48	+ 0, 87 —	1, 09
2 0 8	3, 76	3, 42	1, 93	1, 06
10	7, 10	3, 34	2, 93	1, 00
20	10, 22	3, 12	3, 85	0, 92
3 0 9	13, 03	2, 81	4, 65	0, 80
10	15, 45	2, 42	5, 33	0, 68
20	17, 38	1, 93	5, 81	0, 48
4 0 10	18, 80	1, 42	6, 12	0, 31
10	19, 64	0, 84	6, 27	0, 15
20	19, 89	0, 25	6, 20	0, 07
5 0 11	19, 55	0, 34	5, 97	0, 23
10	18, 58	0, 97	5, 53	0, 44
20	17, 08	1, 50	4, 94	0, 59

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″33 —		+ 5,″94 —	
10	— 0, 78 +	3,″11	6, 80	0,″86
20	3, 88	3, 10	7, 48	0, 68
1 0 7	6, 84	2, 96	7, 93	0, 45
10	9, 62	2, 78	8, 11	0, 18
20	12, 08	2, 46	8, 08	0, 03
2 0 8	14, 19	2, 11	7, 77	0, 31
10	15, 87	1, 68	7, 26	0, 51
20	17, 06	1, 19	6, 52	0, 74
3 0 9	17, 73	0, 67	5, 54	0, 98
10	17, 86	0, 13	4, 44	1, 10
20	17, 46	0, 40	3, 18	1, 26
4 0 10	16, 52	0, 94	1, 85	1, 33
10	15, 07	1, 45	+ 0, 44 —	1, 41
20	13, 18	1, 89	— 0, 97 +	1, 41
5 0 11	10, 88	2, 30	2, 37	1, 40
10	8, 26	2, 62	3, 69	1, 32
20	5, 38	2, 88	4, 88	1, 19

10 Leonis. 5.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	141° 39′ 48″	+ 47.″72	BRADL. 7° 43′ 43″	— 15.″70
DE LA CAILLE	141 39 39		CAILLE 7 43 39	
TOB. MAYER	141 39 42		T. MAY. 7 43 34	
DE ZACH	141 39 28		BARRY 7 43 34	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14.″51 —		— 6.″36 +	
10	12, 11	2.″40	5, 95	0.″41
20	9, 33	2, 78	5, 27	0, 68
1 0 7	6, 31	3, 02	4, 40	0, 87
10	+ 3, 07 —	3, 24	3, 48	0, 92
20	— 0, 29 +	3, 36	2, 49	0, 99
2 0 8	3, 59	3, 30	1, 36	1, 13
10	6, 82	3, 23	— 0, 20 +	1, 16
20	9, 82	3, 00	+ 0, 96 —	1, 16
3 0 9	12, 53	2, 71	2, 11	1, 15
10	14, 87	2, 34	3, 15	1, 04
20	16, 73	1, 86	4, 17	1, 02
4 0 10	18, 11	1, 38	5, 01	0, 84
10	18, 92	0, 81	5, 71	0, 70
20	19, 16	0, 24	6, 24	0, 53
5 0 11	18, 84	0, 32	6, 57	0, 33
10	17, 91	0, 93	6, 73	0, 16
20	16, 46	1, 45	6, 54	0, 19

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1.″01 —		+ 5.″93 —	
10	— 1, 94 +	2.″95	6, 80	0.″87
20	4, 85	2, 91	7, 48	0, 68
1 0 7	7, 59	2, 74	7, 93	0, 45
10	10, 12	2, 53	8, 12	0, 19
20	12, 23	2, 11	8, 09	0, 03
2 0 8	14, 17	1, 94	7, 78	0, 31
10	15, 58	1, 41	7, 28	0, 50
20	16, 53	0, 95	6, 54	0, 74
3 0 9	16, 95	0, 42	5, 56	0, 98
10	16, 86	0, 09	4, 46	1, 10
20	16, 28	0, 58	3, 20	1, 26
4 0 10	15, 19	1, 09	1, 87	1, 33
10	13, 63	1, 56	+ 0, 44 —	1, 43
20	11, 67	1, 96	— 0, 95 +	1, 39
5 0 11	9, 35	2, 32	2, 35	1, 40
10	6, 76	2, 59	3, 66	1, 31
20	3, 93	2, 83	4, 88	1, 22

11 Leonis. 6.

11

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	141° 45′ 49″	+	FLAMST 15° 14′ 22″	—
DE ZACH	141 46 15	49,″82	BARRY 15 14 40	15,″70

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″93 —		— 4,″68 +	
10	12, 45	2,″48	3, 91	0,″77
20	9, 62	2, 83	3, 00	0, 91
1 0 7	6, 51	3, 11	2, 00	1, 00
10	+ 3, 18 —	3, 33	— 0, 93 +	1, 07
20	— 0, 26 +	3, 44	+ 0, 15 —	1, 08
2 0 8	3, 66	3, 40	1, 24	1, 09
10	6, 97	3, 31	2, 27	1, 03
20	10, 05	3, 08	3, 24	0, 97
3 0 9	12, 84	2, 79	4, 12	0, 88
10	15, 24	2, 40	4, 88	0, 76
20	17, 17	1, 93	5, 48	0, 60
4 0 10	18, 58	1, 41	5, 90	0, 42
10	19, 42	0, 84	6, 17	0, 27
20	19, 68	0, 26	6, 24	0, 07
5 0 11	19, 35	0, 33	6, 12	0, 12
10	18, 41	0, 94	5, 82	0, 30
20	16, 93	1, 48	5, 34	0, 48

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″04 —		+ 5,″91 —	
10	— 1, 03 +	3,″07	6, 78	0,″87
20	4, 09	3, 06	7, 46	0, 68
1 0 7	7, 00	2, 91	7, 91	0, 45
10	9, 72	2, 72	8, 10	0, 19
20	12, 13	2, 41	8, 08	0, 02
2 0 8	14, 18	2, 05	7, 78	0, 30
10	15, 80	1, 62	7, 27	0, 51
20	16, 93	1, 13	6, 53	0, 74
3 0 9	17, 55	0, 62	5, 56	0, 97
10	17, 69	0, 14	4, 47	1, 09
20	17, 19	0, 50	3, 21	1, 26
4 0 10	16, 22	0, 97	1, 88	1, 33
10	14, 77	1, 45	+ 0, 47 —	1, 41
20	12, 85	1, 92	— 0, 94 +	1, 41
5 0 11	10, 54	2, 31	2, 34	1, 40
10	7, 93	2, 61	3, 64	1, 30
20	5, 06	2, 87	4, 85	1, 21

o Leonis, in vola pedis finiſtri anterioris. 3. 4. 14

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	142° 37′ 5″		BRADL. 10° 47′ 53″	
DE LA CAILLE	142 37 3		CAILLE 10 47 50	
TOB. MAYER	142 37 4		T. MAY. 10 47 45	
DE LAMBRE	142 36 54		L.LAND. 10 47 45	
DE ZACH	142 36 52	+ 48,″36	BARRY 10 47 47	15,″90

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″83 —		— 5,″73 +	
10	12, 46	2,″37	5, 12	0,″61
20	9, 70	2, 76	4, 37	0, 75
1 0 7	6, 67	3, 03	3, 50	0, 87
10	3, 42	3, 25	2, 50	1, 00
20	+ 0, 06 —	3, 36	1, 40	1, 10
2 0 8	— 3, 29 +	3, 35	— 0, 29 +	1, 11
10	6, 55	3, 26	+ 0, 84 —	1, 13
20	9, 60	3, 05	1, 93	1, 09
3 0 9	12, 36	2, 76	2, 98	1, 05
10	14, 75	2, 39	3, 93	0, 95
20	16, 69	1, 94	4, 76	0, 83
4 0 10	18, 12	1, 43	5, 44	0, 68
10	19, 00	0, 88	5, 96	0, 52
20	19, 30	0, 30	6, 31	0, 35
5 0 11	19, 04	0, 26	6, 46	0, 15
10	18, 16	0, 88	6, 41	0, 05
20	16, 75	1, 41	6, 17	0, 24

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″44 —		+ 5,″80 —	
10	— 1, 56 +	3,″00	6, 69	0,″89
20	4, 52	2, 96	7, 38	0, 69
1 0 7	7, 33	2, 81	7, 85	0, 47
10	9, 94	2, 61	8, 06	0, 21
20	12, 28	2, 34	8, 08	0, 02
2 0 8	14, 15	1, 87	7, 78	0, 30
10	15, 51	1, 36	7, 30	0, 48
20	16, 66	1, 15	6, 58	0, 72
3 0 9	17, 17	0, 51	5, 65	0, 93
10	17, 16	0, 01	4, 55	1, 10
20	16, 64	0, 52	3, 32	1, 23
4 0 10	15, 60	1, 04	2, 00	1, 32
10	14, 08	1, 52	+ 0, 59 —	1, 41
20	12, 15	1, 93	— 0, 82 +	1, 41
5 0 11	9, 85	2, 30	2, 20	1, 38
10	7, 24	2, 61	3, 52	1, 32
20	4, 41	2, 83	4, 73	1, 21

f Leonis. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	142° 56′ 0″	+ 53,″30	FLAMST 30° 53′ 16″	— 15,″95
DE ZACH	142 56 50		BARRY 30 53 12	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 ° 0 6	+ 17,″05 —		— 1,″17 +	
10	14, 35	2,″70	+ 0, 29 —	1,″46
20	11, 20	3, 15	1, 72	1, 43
1 0 7	7, 74	3, 46	3, 11	1, 39
10	4, 03	3, 71	4, 39	1, 28
20	+ 0, 19 —	3, 84	5, 53	1, 14
2 0 8	— 3, 65 +	3, 84	6, 52	0, 99
10	7, 38	3, 73	7, 30	0, 78
20	10, 89	3, 51	7, 86	0, 56
3 0 9	14, 07	3, 18	8, 19	0, 33
10	16, 81	2, 74	8, 27	0, 08
20	19, 04	2, 23	8, 10	0, 17
4 0 10	20, 70	1, 66	7, 67	0, 43
10	21, 71	1, 01	7, 02	0, 65
20	22, 10	0, 39	6, 15	0, 87
5 0 11	21, 81	0, 29	5, 08	1, 07
10	20, 83	0, 98	3, 88	1, 20
20	19, 23	1, 60	2, 56	1, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 ° 0 6	+ 4,″56 —		+ 5,″77 —	
10	+ 1, 20 —	3,″36	6, 66	0,″89
20	— 2, 20 +	3, 40	7, 36	0, 70
1 0 7	5, 51	3, 31	7, 83	0, 47
10	8, 67	3, 16	8, 05	0, 22
20	11, 56	2, 89	8, 06	0, 01
2 0 8	14, 09	2, 53	7, 79	0, 27
10	16, 22	2, 13	7, 31	0, 48
20	17, 91	1, 69	6, 60	0, 71
3 0 9	18, 91	1, 00	5, 68	0, 92
10	19, 41	0, 50	4, 59	1, 09
20	19, 33	0, 08	3, 36	1, 23
4 0 10	18, 66	0, 67	2, 03	1, 33
10	17, 41	1, 25	+ 0, 64 —	1, 39
20	15, 54	1, 87	— 0, 78 +	1, 42
5 0 11	13, 39	2, 15	2, 16	1, 38
10	10, 75	2, 64	3, 49	1, 33
20	7, 77	2, 98	4, 69	1, 20

ψ Leonis, in dextro genu. 6. 16

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	143° 12′ 19″	+ 49,″24	CAILLE 14°55′44″	— 16,″02
TOB. MAYER	143 12 17		T. MAY. 14 55 50	
DE ZACH	143 12 15		BARRY 14 55 49	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 15,″20 —		— 4,″87 +	
10	12, 82	2,″38	4, 08	0,″79
20	10, 04	2, 78	3, 16	0, 92
♌ 1 0 7	6, 97	3, 07	2, 14	1, 02
10	3, 68	3, 29	— 1, 07 +	1, 07
20	+ 0, 27 —	3, 41	+ 0, 05 —	1, 12
♌ 2 0 8	— 3, 14 +	3, 41	1, 16	1, 11
10	6, 45	3, 31	2, 22	1, 06
20	9, 57	3, 12	3, 23	1, 01
♌ 3 0 9	12, 41	2, 84	4, 13	0, 90
10	14, 86	2, 45	4, 91	0, 78
20	16, 85	1, 99	5, 55	0, 64
♌ 4 0 10	18, 34	1, 49	6, 02	0, 47
10	19, 26	0, 92	6, 30	0, 28
20	19, 62	0, 36	6, 40	0, 10
♌ 5 0 11	19, 37	0, 25	6, 29	0, 11
10	18, 53	0, 84	5, 99	0, 30
20	17, 12	1, 41	5, 52	0, 47

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 2,″04 —		+ 5,″73 —	
10	— 1, 03 +	3,″07	6, 61	0,″88
20	4, 07	3, 04	7, 31	0, 70
♌ 1 0 7	6, 98	2, 91	7, 80	0, 49
10	9, 68	2, 70	8, 02	0, 22
20	12, 08	2, 40	8, 03	0, 01
♌ 2 0 8	14, 12	2, 04	7, 78	0, 25
10	15, 74	1, 62	7, 30	0, 48
20	16, 86	1, 12	6, 60	0, 70
♌ 3 0 9	17, 48	0, 62	5, 68	0, 92
10	17, 57	0, 09	4, 61	1, 07
20	17, 15	0, 42	3, 39	1, 22
♌ 4 0 10	16, 16	0, 99	2, 07	1, 32
10	14, 70	1, 46	+ 0, 68 —	1, 39
20	12, 80	1, 90	— 0, 72 +	1, 40
♌ 5 0 11	10, 50	2, 30	2, 11	1, 39
10	7, 90	2, 60	3, 42	1, 31
20	5, 04	2, 86	4, 63	1, 21

ε Leonis, in capite duarum auſtrina. 3. 17

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	143° 37′ 9″		BRADL. 24°41′17″	
DE LA CAILLE	143 37 1		CAILLE 24 41 17	
TOB. MAYER	143 37 1		T. MAY. 24 41 18	
DE LAMBRE	143 37 4	+	L.I.AND. 24 41 25	—
DE ZACH	143 37 5	51,″52	BARRY 24 41 17	16,″11

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″24 —		— 2,″69 +	
10	13, 72	2,″52	1, 49	1,″20
20	10, 80	2, 92	— 0, 24 +	1, 25
1 0 7	7, 55	3, 25	+ 1, 02 —	1, 26
10	4, 06	3, 49	2, 27	1, 25
20	+ 0, 44 —	3, 62	3, 42	1, 15
2 0 8	— 3, 18 +	3, 62	4, 54	1, 12
10	6, 69	3, 51	5, 39	0, 85
20	10, 04	3, 35	6, 10	0, 71
3 0 9	13, 06	3, 02	6, 73	0, 63
10	15, 68	2, 62	7, 09	0, 36
20	17, 83	2, 15	7, 25	0, 16
4 0 10	19, 44	1, 61	7, 18	0, 07
10	20, 44	1, 00	6, 89	0, 29
20	20, 84	0, 40	6, 39	0, 50
5 0 11	20, 60	0, 24	5, 70	0, 69
10	19, 73	0, 87	4, 84	0, 86
20	18, 27	1, 46	3, 82	1, 02

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″53 —		+ 5,″68 —	
10	+ 0, 30 —	3,″23	6, 59	0,″91
20	— 2, 95 +	3, 25	7, 28	0, 69
1 0 7	6, 09	3, 14	7, 77	0, 49
10	9, 06	2, 97	8, 01	0, 24
20	11, 74	2, 68	8, 02	0, 01
2 0 8	14, 13	2, 39	7, 78	0, 24
10	15, 99	1, 86	7, 31	0, 47
20	17, 40	1, 41	6, 62	0, 69
3 0 9	18, 29	0, 89	5, 72	0, 90
10	18, 62	0, 33	4, 65	1, 07
20	18, 39	0, 23	3, 43	1, 22
4 0 10	17, 60	0, 79	2, 13	1, 30
10	16, 27	1, 33	+ 0, 73 —	1, 40
20	14, 46	1, 81	— 0, 66 +	1, 39
5 0 11	12, 19	2, 27	2, 04	1, 38
10	9, 57	2, 62	3, 39	1, 35
20	6, 65	2, 92	4, 59	1, 20

20 Leonis. 6. 20

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	144° 38′ 16″		FLAMST 22° 5′ 55″	
DE ZACH	144 39 9	+ 50,″77	BARRY 22 6 16	— 16,″31

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″15 —		— 3,″38 +	
10	13, 72	2,″43	2, 27	1,″11
20	10, 89	2, 83	— 1, 09 +	1, 18
		3, 16		1, 22
1 0 7	7, 73		+ 0, 13 —	
10	4, 33	3, 40	1, 35	1, 22
20	+ 0, 80 —	3, 53	2, 53	1, 18
		3, 55		1, 10
2 0 8	— 2, 75 +		3, 63	
10	6, 22	3, 47	4, 61	0, 98
20	9, 50	3, 28	5, 45	0, 84
		3, 02		0, 69
3 0 9	12, 52		6, 14	
10	15, 12	2, 60	6, 61	0, 47
20	17, 27	2, 15	6, 90	0, 29
		1, 62		0, 09
4 0 10	18, 89		6, 99	
10	19, 95	1, 06	6, 86	0, 13
20	20, 40	0, 45	6, 52	0, 34
		0, 28		0, 55
5 0 11	20, 12		5, 97	
10	19, 44	0, 68	5, 27	0, 70
20	18, 06	1, 38	4, 76	0, 51

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″16 —		+ 5,″52 —	
10	— 0, 02 +	3,″18	6, 44	0,″92
20	3, 20	3, 18	7, 17	0, 73
		3, 07		0, 51
1 0 7	6, 27		7, 68	
10	9, 17	2, 90	7, 94	0, 26
20	11, 77	2, 60	7, 98	0, 04
		2, 26		0, 21
2 0 8	14, 03		7, 77	
10	15, 86	1, 83	7, 32	0, 45
20	17, 20	1, 34	6, 66	0, 66
		0, 82		0, 88
3 0 9	18, 02		5, 78	
10	18, 29	0, 27	4, 73	1, 05
20	18, 02	0, 27	3, 55	1, 18
		0, 74		1, 28
4 0 10	17, 28		2, 27	
10	15, 83	1, 45	+ 0, 88 —	1, 39
20	14, 01	1, 82	— 0, 51 +	1, 39
		2, 27		1, 38
5 0 11	11, 74		1, 89	
10	9, 14	2, 60	3, 20	1, 31
20	6, 24	2, 90	4, 43	1, 23

μ Leonis, in capite duarum borea. 3. 24

	Ascens. rect. med.	Var. ann.	Declin. med. Bor.	Var. ann.
DE LA CAILLE	145° 20′ 35″	Æ.	CAILLE 26° 56′ 34″	Decl.
DE LAMBRE	145 20 25	med.	L.LAND. 26 56 45	med.
DE ZACH	145 20 23	+ 51,″85	BARRY 26 56 35	— 16.″46

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″94 —		— 2,″38 +	
10	14, 48	2,″46	— 1, 05 +	1,″33
20	11, 56	2, 92	+ 0, 31 —	1, 36
1 0 7	8, 30	3, 26	1, 66	1, 35
10	4, 79	3, 51	2, 96	1, 30
20	+ 1, 12 —	3, 67	4, 18	1, 22
2 0 8	— 2, 57 +	3, 69	5, 27	1, 09
10	6, 17	3, 60	6, 21	0, 94
20	9, 59	3, 42	6, 93	0, 72
3 0 9	12, 73	3, 14	7, 45	0, 52
10	15, 47	2, 74	7, 76	0, 31
20	17, 76	2, 29	7, 83	0, 07
4 0 10	19, 49	1, 73	7, 66	0, 17
10	20, 64	1, 15	7, 25	0, 41
20	21, 16	0, 52	6, 63	0, 62
5 0 11	21, 03	0, 13	5, 79	0, 84
10	20, 26	0, 77	4, 79	1, 00
20	18, 88	1, 38	3, 64	1, 15

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″99 —		+ 5,″30 —	
10	+ 0, 74 —	3,″25	6, 36	1,″06
20	— 2, 55 +	3, 29	7, 10	0, 74
1 0 7	5, 74	3, 19	7, 56	0, 46
10	8, 78	3, 04	7, 90	0, 34
20	11, 53	2, 75	7, 96	0, 06
2 0 8	13, 94	2, 41	7, 77	0, 19
10	15, 93	1, 99	7, 34	0, 43
20	17, 43	1, 50	6, 70	0, 64
3 0 9	18, 42	0, 99	5, 84	0, 86
10	18, 81	0, 39	4, 81	1, 03
20	18, 66	0, 15	3, 63	1, 18
4 0 10	17, 93	0, 73	2, 36	1, 27
10	16, 65	1, 28	+ 0, 99 —	1, 37
20	14, 89	1, 76	— 0, 40 +	1, 39
5 0 11	12, 65	2, 24	1, 78	1, 38
10	10, 05	2, 60	3, 09	1, 31
20	7, 12	2, 93	4, 33	1, 24

26 Leonis. 7. 8. 26

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	146° 49′ 23″		FLAMST 16° 9′ 57″	
DE ZACH	146 49 27	+ 49,″23	BARRY 17 10 7	— 16,″74

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 15,″98 —		— 4,″63 +	
10	13, 76	2,″22	3, 71	0,″92
20	11, 12	2, 64	2, 69	1, 02
1 0 7	8, 14	2, 98	1, 56	1, 13
10	4, 91	3, 23	— 0, 37 +	1, 19
20	+ 1, 53 —	3, 38	+ 0, 83 —	1, 20
2 0 8	— 1, 88 +	3, 41	1, 96	1, 13
10	5, 25	3, 37	3, 05	1, 09
20	8, 44	3, 19	4, 05	1, 00
3 0 9	11, 40	2, 96	4, 92	0, 87
10	14, 00	2, 60	5, 66	0, 74
20	16, 18	2, 18	6, 22	0, 56
4 0 10	17, 86	1, 68	6, 59	0, 37
10	19, 00	1, 14	6, 76	0, 17
20	19, 57	0, 57	6, 73	0, 03
5 0 11	19, 54	0, 03	6, 49	0, 24
10	18, 91	0, 63	6, 05	0, 44
20	17, 71	1, 20	5, 41	0, 64

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 2,″31 —		+ 4,″64 —	
10	— 0, 76 +	3,″07	6, 19	1,″55
20	3, 81	3, 05	6, 97	0, 78
1 0 7	6, 74	2, 93	7, 51	0, 54
10	9, 47	2, 73	7, 82	0, 31
20	11, 90	2, 43	7, 91	0, 09
2 0 8	13, 98	2, 08	7, 77	0, 14
10	15, 63	1, 65	7, 36	0, 41
20	16, 81	1, 18	6, 77	0, 59
3 0 9	17, 48	0, 67	5, 93	0, 84
10	17, 61	0, 13	4, 93	1, 00
20	17, 22	0, 39	3, 81	1, 12
4 0 10	16, 29	0, 93	2, 53	1, 28
10	14, 87	1, 42	+ 1, 20 —	1, 33
20	13, 01	1, 86	— 0, 19 +	1, 39
5 0 11	10, 74	2, 27	1, 55	1, 36
10	8, 16	2, 58	2, 87	1, 32
20	5, 32	2, 84	4, 10	1, 23

ν Leonis, in antecedentia cordis. 4 5. 27

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	146° 51′ 29″	+ 48,″65	BRADL. 13° 23′ 33″	— 16,″77
DE LA CAILLE	146 51 46		CAILLE 13 23 36	
TOB. MAYER	146 51 43		T. MAY. 13 23 33	
DE ZACH	146 51 37		BARRY 13 23 36	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 15,″80 —		— 5,″44 +	
10	13, 60	2,″20	4, 68	0,″76
20	11, 00	2, 60	3, 77	0, 91
1 0 7	8, 07	2, 93	2, 78	0, 99
10	4, 89	3, 18	1, 67	1, 11
20	+ 1, 55 —	3, 34	— 0, 54 +	1, 13
2 0 8	— 1, 83 +	3, 38	+ 0, 62 —	1, 16
10	5, 14	3, 31	1, 77	1, 15
20	8, 31	3, 17	2, 90	1, 13
3 0 9	11, 23	2, 92	3, 88	0, 98
10	13, 80	2, 57	4, 76	0, 88
20	15, 95	2, 15	5, 50	0, 74
4 0 10	17, 62	1, 67	6, 19	0, 69
10	18, 75	1, 13	6, 47	0, 28
20	19, 33	0, 58	6, 66	0, 19
5 0 11	19, 30	0, 03	6, 60	0, 06
10	18, 64	0, 66	6, 43	0, 17
20	17, 50	1, 14	5, 98	0, 45

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″90 —		+ 5,″23 —	
10	— 1, 13 +	3,″03	6, 19	0,″96
20	4, 13	3, 00	6, 95	0, 76
1 0 7	6, 99	2, 86	7, 51	0, 56
10	9, 65	2, 66	7, 82	0, 31
20	12, 01	2, 36	7, 91	0, 09
2 0 8	14, 03	2, 02	7, 78	0, 13
10	15, 58	1, 55	7, 37	0, 41
20	16, 68	1, 10	6, 78	0, 59
3 0 9	17, 27	0, 59	5, 95	0, 83
10	17, 50	0, 23	4, 95	1, 00
20	16, 89	0, 61	3, 82	1, 13
4 0 10	15, 91	0, 98	2, 55	1, 27
10	14, 45	1, 46	+ 1, 22 —	1, 33
20	12, 56	1, 89	— 0, 18 +	1, 40
5 0 11	10, 28	2, 28	1, 54	1, 36
10	7, 70	2, 58	2, 87	1, 33
20	4, 87	2, 83	4, 10	1, 23

π Leonis, in ſiniſtro genu. 4.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Va an De me
BRADLEY	147° 24′ 35″	+ 47,″75	BRADL. 8° 59′ 53″	— 16,″
DE LA CAILLE	147 24 33		CAILLE 8 59 58	
TOB. MAYER	147 24 31		T. MAY. 8 59 53	
DE ZACH	147 24 25		BARRY 8 59 55	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Diff
0 0 6	+ 15,″64 —		— 6,″32 +	
10	13, 52	2,″12	5, 77	0,″
20	10, 96	2, 56	5, 05	0,
1 0 7	8, 10	2, 86	4, 17	0,
10	4, 98	3, 12	3, 16	1,
20	+ 1, 70 —	3, 28	2, 05	1,
2 0 8	— 1, 62 +	3, 32	— 0, 89 +	1,
10	4, 89	3, 27	+ 0, 31 —	1,
20	8, 02	3, 13	1, 49	1,
3 0 9	10, 90	2, 88	2, 63	1,
10	13, 45	2, 55	3, 70	1,
20	15, 59	2, 14	4, 64	0,
4 0 10	17, 25	1, 66	5, 43	0,
10	18, 41	1, 16	6, 09	0,
20	19, 00	0, 59	6, 55	0,
5 0 11	18, 99	0, 01	6, 80	0,
10	18, 43	0, 56	6, 85	0,
20	17, 30	1, 13	6, 69	0,

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Diff
0 0 6	+ 1,″27 —		+ 5,″14 —	
10	— 1, 69 +	2,″96	6, 11	0,″
20	4, 61	2, 92	6, 89	0,
1 0 7	7, 37	2, 76	7, 46	0,
10	9, 93	2, 56	7, 79	0,
20	12, 17	2, 24	7, 88	0,
2 0 8	14, 05	1, 88	7, 76	0,
10	15, 50	1, 45	7, 37	0,
20	16, 48	0, 98	6, 79	0,
3 0 9	16, 96	0, 48	5, 98	0,
10	16, 92	0, 04	4, 99	0,
20	16, 37	0, 55	3, 87	1,
4 0 10	15, 32	1, 05	2, 62	1,
10	13, 80	1, 52	+ 1, 28 —	1,
20	11, 87	1, 93	— 0, 11 +	1,
5 0 11	9, 57	2, 30	1, 46	1,
10	7, 00	2, 57	2, 78	1,
20	4, 20	2, 80	4, 03	1,

η Leonis, trium in collo auſtrina. 3. 4. 30

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	149° 6′ 12″		BRADL. 17°43′56″	
DE LA CAILLE	149 5 59		CAILLE 17 44 4	
TOB. MAYER	149 6 5		T. MAY. 17 43 56	
DE LAMBRE	149 6 7	+ 49,″33	L. LAND. 17 44 9	—
DE ZACH	149 6 7		BARRY 17 43 55	17,″18

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 . 0 6	+ 16,″53 —		— 4,″73 +	
10	14, 40	2,″13	3, 74	0.″99
20	11, 83	2, 57	2, 64	1, 10
1 0 7	8, 92	2, 91	1, 49	1, 15
10	5, 72	3, 20	— 0, 28 +	1, 21
20	+ 2, 36 —	3, 36	+ 0, 96 —	1, 24
2 0 8	— 1, 07 +	3, 43	2, 15	1, 19
10	4, 48	3, 41	3, 29	1, 14
20	7, 75	3, 27	4, 32	1, 03
3 0 9	10, 78	3, 03	5, 23	0, 91
10	13, 48	2, 70	5, 97	0, 74
20	15, 78	2, 30	6, 53	0, 56
4 0 10	17, 62	1, 84	6, 90	0, 37
10	18, 89	1, 27	7, 05	0, 15
20	19, 60	0, 71	6, 99	0, 06
5 0 11	19, 71	0, 11	6, 71	0, 28
10	19, 22	0, 49	6, 22	0, 49
20	18, 15	1, 07	5, 56	0, 66

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″62 —		+ 4,″89 —	
10	— 0, 47 +	3,″09	5, 88	0,″99
20	3, 54	3, 07	6, 69	0, 81
1 0 7	6, 48	2, 94	7, 25	0, 56
10	9, 26	2, 78	7, 68	0, 43
20	11, 73	2, 47	7, 81	0, 13
2 0 8	13, 86	2, 13	7, 73	0, 08
10	15, 57	1, 71	7, 39	0, 34
20	16, 80	1, 23	6, 85	0, 54
3 0 9	17, 52	0, 72	6, 09	0, 76
10	17, 70	0, 18	5, 14	0, 95
20	17, 34	0, 36	4, 06	1, 08
4 0 10	16, 48	0, 86	2, 83	1, 23
10	15, 10	1, 38	1, 51	1, 32
20	13, 26	1, 84	+ 0, 16 —	1, 35
5 0 11	11, 02	2, 24	— 1, 20 +	1, 36
10	8, 49	2, 53	2, 52	1, 32
20	5, 62	2, 87	3, 75	1, 23

A Leonis, corde auſtralior quaſi in pectore. 5. 31

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	149° 19′ 17″	+ 48,″02	BRADL. 10° 58′ 22″	— 17,″22
DE LA CAILLE	149 19 15		CAILLE 10 58 27	
TOB. MAYER	149 19 14		T. MAY. 10 58 23	
DE ZACH	149 19 5		BARRY 10 58 22	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″06 —		— 6,″04 +	
10	14, 03	2,″03	5, 38	0,″66
20	11, 53	2, 50	4, 55	0, 83
1 0 7	8, 72	2, 81	3, 60	0, 95
10	5, 62	3, 10	2, 53	1, 07
20	+ 2, 36 —	3, 26	1, 38	1, 15
2 0 8	— 0, 97 +	3, 33	— 0, 20 +	1, 18
10	4, 28	3, 31	+ 1, 01 —	1, 21
20	7, 46	3, 18	2, 17	1, 16
3 0 9	10, 41	2, 95	3, 27	1, 10
10	13, 03	2, 62	4, 27	1, 00
20	15, 27	2, 24	5, 15	0, 88
4 0 10	17, 05	1, 78	5, 86	0, 71
10	18, 30	1, 25	6, 39	0, 53
20	19, 00	0, 70	6, 74	0, 35
5 0 11	19, 12	0, 12	6, 87	0, 13
10	18, 66	0, 46	6, 80	0, 07
20	17, 63	1, 03	6, 51	0, 29

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″59 —		+ 4,″86 —	
10	— 1, 34 +	2,″93	5, 86	1,″00
20	4, 35	3, 01	6, 67	0, 81
1 0 7	7, 14	2, 79	7, 28	0, 61
10	9, 75	2, 61	7, 67	0, 39
20	12, 04	2, 29	7, 80	0, 13
2 0 8	13, 97	1, 93	7, 73	0, 07
10	15, 48	1, 51	7, 39	0, 34
20	16, 52	1, 04	6, 86	0, 53
3 0 9	17, 05	0, 53	6, 11	0, 75
10	17, 07	0, 02	5, 16	0, 95
20	16, 57	0, 50	4, 08	1, 08
4 0 10	15, 56	1, 01	2, 85	1, 23
10	14, 08	1, 48	1, 54	1, 31
20	12, 18	1, 90	+ 0, 19 —	1, 35
5 0 11	9, 90	2, 28	— 1, 18 +	1, 37
10	7, 33	2, 57	2, 49	1, 31
20	4, 53	2, 80	3, 73	1, 24

α Leonis, in corde dicta REGVLVS. 1. 32

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	149° 25′ 49″		BRADL. 12° 56′ 22″	
DELA CAILLE	149 25 44		CAILLE 12 56 32	
TOB. MAYER	149 25 46		T. MAY. 12 56 23	
MASKELYNE	149 25 32		MASKEL. 12 56 21	
		+ 48,″38	BARRY 12 56 24	— 17,″24

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″19 —		— 5,″69 +	
10	14, 14	2,″05	4, 90	0,″79
20	11, 65	2, 49	4, 01	0, 89
1 0 7	8, 81	2, 84	3, 00	1, 01
10	5, 69	3, 12	1, 86	1, 14
20	+ 2, 41 —	3, 28	— 0, 69 +	1, 17
2 0 8	— 0, 94 +	3, 35	+ 0, 49 —	1, 18
10	4, 27	3, 33	1, 68	1, 19
20	7, 47	3, 20	2, 87	1, 19
3 0 9	10, 44	2, 97	3, 85	0, 98
10	13, 09	2, 65	4, 76	0, 91
20	15, 35	2, 26	5, 61	0, 85
4 0 10	17, 14	1, 79	6, 28	0, 67
10	18, 41	1, 27	6, 64	0, 36
20	19, 13	0, 72	6, 85	0, 21
5 0 11	19, 25	0, 12	6, 85	0, 00
10	18, 80	0, 45	6, 65	0, 20
20	17, 77	1, 03	6, 26	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″89 —		+ 4,″85 —	
10	— 1, 03 +	2,″92	5, 85	1,″00
20	4, 12	3, 09	6, 66	0, 81
1 0 7	6, 95	2, 83	7, 27	0, 61
10	9, 60	2, 65	7, 67	0, 40
20	11, 94	2, 34	7, 80	0, 13
2 0 8	13, 94	2, 00	7, 73	0, 07
10	15, 50	1, 56	7, 40	0, 33
20	16, 59	1, 09	6, 87	0, 53
3 0 9	17, 18	0, 59	6, 11	0, 76
10	17, 21	0, 03	5, 17	0, 94
20	16, 79	0, 42	4, 09	1, 08
4 0 10	15, 82	0, 97	2, 87	1, 22
10	14, 37	1, 45	1, 56	1, 31
20	12, 49	1, 88	+ 0, 20 —	1, 36
5 0 11	10, 22	2, 27	— 1, 16 +	1, 36
10	7, 66	2, 56	2, 47	1, 31
20	4, 85	2, 81	3, 71	1, 24

35 Leonis. 6. 35

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	151° 22′ 25″		FLAMST 24° 29′ 39″	
DE ZACH	151 21 29	+ 50,″44	BARRY 24 29 30	— 17,″56

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″69 —		— 3,″61 +	
10	15, 60	2,″09	2, 36	1,″25
20	13, 03	2, 57	— 0, 88 +	1, 48
1 0 7	10, 08	2, 95	+ 0, 52 —	1, 40
10	6, 80	3, 28	1, 92	1, 40
20	+ 3, 33 —	3, 47	3, 26	1, 34
2 0 8	— 0, 25 +	3, 58	4, 54	1, 28
10	3, 82	3, 57	5, 59	1, 05
20	7, 29	3, 47	6, 53	0, 94
3 0 9	10, 54	3, 25	7, 25	0, 72
10	13, 42	2, 88	7, 77	0, 52
20	15, 92	2, 50	8, 05	0, 28
4 0 10	17, 95	2, 03	8, 08	0, 03
10	19, 43	1, 48	7, 87	0, 21
20	20, 32	0, 89	7, 42	0, 45
5 0 11	20, 58	0, 26	6, 74	0, 68
10	20, 23	0, 35	5, 86	0, 88
20	19, 25	0, 98	4, 81	1, 05

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″82 —		+ 4,″57 —	
10	+ 0, 65 —	3,″17	5, 59	1,″02
20	— 2, 55 +	3, 20	6, 42	0, 83
1 0 7	5, 64	3, 09	7, 07	0, 65
10	8, 58	2, 94	7, 52	0, 45
20	11, 26	2, 68	7, 70	0, 18
2 0 8	13, 59	2, 33	7, 70	0, 00
10	15, 50	1, 91	7, 43	0, 27
20	16, 96	1, 46	6, 94	0, 49
3 0 9	17, 90	0, 94	6, 24	0, 70
10	18, 29	0, 39	5, 33	0, 91
20	18, 13	0, 16	4, 31	1, 02
4 0 10	17, 41	0, 72	3, 12	1, 19
10	16, 16	1, 25	1, 85	1, 27
20	14, 43	1, 73	+ 0, 50 —	1, 35
5 0 11	12, 25	2, 18	— 0, 84 +	1, 34
10	9, 71	2, 54	2, 16	1, 32
20	6, 87	2, 84	3, 41	1, 25

♌ Leonis, trium in collo borea. 3. 36

	Ascens. rect. med.	Var. ann. ☊. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	151° 22′ 47″	+ 50,″42	FLAMST 24° 24′ 9″	— 17,″56
DE LAMBRE	151 23 8		L.LAND. 24 24 34	
DE ZACH	151 23 1		BARRY 24 24 32	

Long. ☉	Aberratio in ☊.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″68 —		— 3,″68 +	
10	15, 60	2,″08	2, 41	1,″27
20	13, 03	2, 57	— 0, 92 +	1, 49
1 0 7	10, 07	2, 96	+ 0, 49 —	1, 41
10	6, 80	3, 27	1, 88	1, 39
20	+ 3, 33 —	3, 47	3, 23	1, 35
2 0 8	— 0, 25 +	3, 58	4, 48	1, 25
10	3, 82	3, 57	5, 57	1, 09
20	7, 28	3, 46	6, 52	0, 95
3 0 9	10, 51	3, 23	7, 26	0, 74
10	13, 41	2, 90	7, 78	0, 52
20	15, 92	2, 51	8, 07	0, 29
4 0 10	17, 94	2, 02	8, 10	0, 03
10	19, 42	1, 48	7, 90	0, 20
20	20, 36	0, 94	7, 45	0, 45
5 0 11	20, 57	0, 21	6, 76	0, 69
10	20, 22	0, 35	5, 89	0, 87
20	19, 24	0, 98	4, 84	1, 05

Long. ☊	Nutatio in ☊.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″83 —		+ 4,″57 —	
10	+ 0, 64 —	3,″19	5, 59	1,″02
20	— 2, 56 +	3, 20	6, 42	0, 83
1 0 7	5, 65	3, 09	7, 07	0, 65
10	8, 59	2, 94	7, 52	0, 45
20	11, 26	2, 67	7, 70	0, 18
2 0 8	13, 59	2, 33	7, 70	0, 00
10	15, 50	1, 91	7, 43	0, 27
20	16, 95	1, 45	6, 94	0, 49
3 0 9	17, 90	0, 95	6, 24	0, 70
10	18, 28	0, 38	5, 33	0, 91
20	18, 12	0, 16	4, 31	1, 02
4 0 10	17, 40	0, 72	3, 12	1, 19
10	16, 15	1, 25	1, 85	1, 27
20	14, 46	1, 69	+ 0, 50 —	1, 35
5 0 11	12, 23	2, 23	— 0, 84 +	1, 34
10	9, 69	2, 54	2, 16	1, 32
20	6, 85	2, 84	3, 41	1, 25

γ Leonis, trium in collo media et ſequens. 2. 3. 41

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	152° 13′ 40″		BRADL. 20° 50′ 59″	
DE LA CAILLE	152 13 25		CAILLE 20 51 7	
TOB. MAYER	152 13 32		T. MAY. 20 51 2	
DE LAMBRE	152 13 50	+	L.I.AND. 20 50 59	—
DE ZACH	152 13 47	49,″60	BARRY 20 50 56	17.″71

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″37 —		— 4,″42 +	
10	15, 37	2,″00	3, 27	1,″15
20	12, 91	2, 46	1, 98	1, 29
1 0 7	10, 06	2, 85	— 0, 67 +	1, 39
10	6, 88	3, 18	+ 0, 68 —	1, 35
20	3, 52	3, 36	1, 98	1, 30
2 0 8	+ 0, 04 —	3, 48	3, 24	1, 26
10	— 3, 45 +	3, 49	4, 41	1, 17
20	6, 78	3, 33	5, 42	1, 01
3 0 9	9, 98	3, 20	6, 30	0, 88
10	12, 84	2, 86	6, 96	0, 66
20	15, 32	2, 48	7, 41	0, 45
4 0 10	17, 33	2, 01	7, 66	0, 25
10	18, 81	1, 48	7, 67	0, 01
20	19, 73	0, 92	7, 40	0, 27
5 0 11	20, 03	0, 30	6, 96	0, 44
10	19, 73	0, 30	6, 29	0, 67
20	18, 83	0, 90	5, 32	0, 97

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″22 —		+ 4,″45 —	
10	+ 0, 12 —	3,″10	5, 48	1,″03
20	— 3, 01 +	3, 13	6, 33	0, 85
1 0 7	6, 01	3, 00	6, 98	0, 65
10	8, 86	2, 85	7, 46	0, 48
20	11, 42	2, 56	7, 66	0, 20
2 0 8	13, 64	2, 22	7, 68	0, 02
10	15, 51	1, 87	7, 43	0, 25
20	16, 78	1, 27	6, 96	0, 47
3 0 9	17, 61	0, 83	6, 28	0, 68
10	17, 90	0, 29	5, 41	0, 87
20	17, 65	0, 25	4, 39	1, 02
4 0 10	16, 86	0, 79	3, 22	1, 17
10	15, 55	1, 31	1, 96	1, 26
20	13, 78	1, 77	+ 0, 61 —	1, 35
5 0 11	11, 58	2, 20	— 0, 72 +	1, 33
10	9, 05	2, 53	2, 02	1, 30
20	6, 22	2, 83	3, 28	1, 26

44 Leonis. 7. 44

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	153° 40′ 37″		T. MAY. 9°47′52″	
DE ZACH	153 · 40 27	+ 47,″57	BARRY 9 47 51	— 17,″95

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″67 —		— 6,″45 +	
[10	14, 87	1,″80	5, 82	0,″63
20	12, 61	2, 26	5, 02	0, 80
		2, 64		0, 96
1 0 7	9, 97		4, 06	
10	7, 00	2, 97	2, 99	1, 07
20	3, 85	3, 15	1, 80	1, 19
		3, 28		1, 21
2 0 8	+ 0, 57 —		— 0, 59 +	
10	— 2, 74 +	3, 31	+ 0, 66 —	1, 25
20	5, 96	3, 22	1, 89	1, 23
		3, 03		1, 17
3 0 9	8, 99		3, 06	
10	11, 75	2, 76	4, 12	1, 06
20	14, 16	2, 41	5, 07	0, 95
		1, 97		0, 80
4 0 10	16, 13		5, 87	
10	17, 62	1, 49	6, 49	0, 62
20	18, 56	0, 94	6, 92	0, 43
		0, 40		0, 21
5 0 11	18, 96		7, 13	
10	18, 76	0, 20	7, 10	0, 03
20	17, 99	0, 77	7, 88	0, 22

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″48 —		+ 4,″23 —	
10	— 1, 48 +	2,″96	5, 28	1,″05
20	4, 40	2, 92	6, 15	0, 87
		2, 76		0, 70
1 0 7	7, 16		6, 85	
10	9, 73	2, 57	7, 33	0, 48
20	11, 99	2, 26	7, 59	0, 26
		1, 90		0, 04
2 0 8	13, 89		7, 63	
10	15, 38	1, 49	7, 43	0, 20
20	16, 38	1, 00	6, 99	0, 44
		0, 52		0, 63
3 0 9	16, 90		6, 36	
10	16, 89	0, 01	5, 52	0, 84
20	16, 39	0, 50	4, 55	0, 97
		1, 02		1, 14
4 0 10	15, 37		3, 41	
10	13, 89	1, 48	2, 17	1, 24
20	11, 99	1, 90	+ 0, 84 —	1, 33
		2, 27		1, 32
5 0 11	9, 72		— 0, 48 +	
10	7, 17	2, 55	1, 78	1, 30
20	4, 37	2, 80	3, 06	1, 28

i Leonis, trium in ventre præcedens. 6.

	Ascens. rect. med.	Var. ann.	Declin. med. Bor.
DE LA CAILLE	155° 22′ 36″	Æ.	CAILLE 15° 9′ 37″
TOB. MAYER	155 22 34	med.	T. MAY. 15 9 35
DE ZACH	155 22 31	+ 48,″30	BARRY 15 9 34

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.
0 0 6	+ 17,″28 —		— 5,″70 +
10	15, 50	1,″78	4, 77
20	13, 30	2, 20	3, 71
1 0 7	10, 66	2, 64	2, 56
10	7, 69	2, 97	1, 30
20	4, 50	3, 19	— 0, 00 +
2 0 8	+ 1, 17 —	3, 33	+ 1, 27 —
10	— 2, 19 +	3, 36	2, 51
20	5, 49	3, 30	3, 69
3 0 9	8, 62	3, 13	4, 75
10	11, 60	2, 98	5, 66
20	14, 01	2, 41	6, 40
4 0 10	16, 11	2, 10	6, 97
10	17, 71	1, 60	7, 29
20	18, 78	1, 07	7, 38
5 0 11	19, 28	0, 50	7, 32
10	19, 20	0, 08	6, 97
20	18, 53	0, 67	6, 44

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.
0 0 6	+ 2,″05 —		+ 3,″99 —
10	— 0, 67 +	2,″72	5, 05
20	3, 67	3, 00	5, 95
1 0 7	6, 53	2, 86	6, 67
10	9, 22	2, 69	7, 19
20	11, 62	2, 40	7, 49
2 0 8	13, 68	2, 06	7, 58
10	15, 32	1, 64	7, 43
20	16, 48	1, 16	7, 04
3 0 9	17, 15	0, 67	6, 45
10	17, 29	0, 14	5, 66
20	16, 92	0, 37	4, 71
4 0 10	16, 03	0, 89	3, 60
10	14, 65	1, 38	2, 39
20	12, 82	1, 83	+ 1, 09 —
5 0 11	10, 61	2, 21	— 0, 22 +
10	8, 08	2, 53	1, 53
20	5, 28	2, 80	2, 79

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	155° 34′ 8″		BRADL. 10°19′55″	
DE LA CAILLE	155 33 56		CAILLE 10 20 4	
TOB. MAYER	155 34 6		T. MAY. 10 19 55	
DE LAMBRE	155 34 1		L.LAND. 10 20 0	
DE ZACH	155 34 3	+ 47,″55	BARRY 10 19 57	18,″23

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″99 —		— 6,″48 +	
10	15, 26	1,″73	5, 85	0,″63
20	13, 10	2, 16	4, 98	0, 87
1 0 7	10, 51	2, 59	3, 98	1, 00
10	7, 60	2, 91	2, 86	1, 12
20	4, 47	3, 13	1, 66	1, 20
2 0 8	+ 1, 22 —	3, 25	— 0, 42 +	1, 24
10	— 2, 07 +	3, 29	+ 0, 83 —	1, 25
20	5, 32	3, 25	2, 10	1, 27
3 0 9	8, 39	3, 07	3, 27	1, 17
10	11, 21	2, 82	4, 33	1, 06
20	13, 70	2, 49	5, 29	0, 96
4 0 10	15, 77	2, 07	6, 08	0, 79
10	17, 33	1, 56	6, 67	0, 59
20	18, 40	1, 07	7, 06	0, 39
5 0 11	18, 91	0, 51	7, 26	0, 20
10	18, 83	0, 08	7, 22	0, 04
20	18, 19	0, 64	6, 94	0, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″58 —		+ 3,″96 —	
10	— 1, 37 +	2,″95	5, 02	1,″06
20	4, 30	2, 93	5, 93	0, 91
1 0 7	7, 07	2, 77	6, 65	0, 72
10	9, 64	2, 57	7, 19	0, 54
20	11, 91	2, 27	7, 48	0, 29
2 0 8	13, 90	1, 99	7, 58	0, 10
10	15, 33	1, 43	7, 44	0, 14
20	16, 35	1, 02	7, 05	0, 39
3 0 9	16, 88	0, 53	6, 46	0, 59
10	16, 90	0, 02	5, 67	0, 79
20	16, 41	0, 49	4, 73	0, 94
4 0 10	15, 42	0, 99	3, 63	1, 10
10	13, 95	1, 47	2, 41	1, 22
20	12, 07	1, 88	+ 1, 12 —	1, 29
5 0 11	9, 81	2, 26	— 0, 19 +	1, 31
10	7, 27	2, 54	1, 50	1, 31
20	4, 49	2, 78	2, 76	1, 26

48 Leonis. 5. 7. 48

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	156° 5′ 27″	+ 47,″16	BRADL. 7°58′43″	— 18,″31
TOB. MAYER	156 5 28		T. MAY. 7 58 46	
DE ZACH	156 5 19		BARRY 7 58 37	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″95 —		— 6,″85 +	
10	15, 25	1,″70	6, 31	0,″54
20	13, 12	2, 13	5, 58	0, 73
1 0 7	10, 58	2, 54	4, 68	0, 90
10	7, 70	2, 88	3, 63	1, 05
20	4, 60	3, 10	2, 47	1, 16
2 0 8	+ 1, 38 —	3, 22	— 1, 24 +	1, 23
10	— 1, 90 +	3, 28	+ 0, 04 —	1, 28
20	5, 12	3, 22	1, 31	1, 27
3 0 9	8, 18.	3, 06	2, 54	1, 23
10	11, 01	2, 83	3, 69	1, 15
20	13, 49	2, 48	4, 73	1, 04
4 0 10	15, 55	2, 06	5, 63	0, 90
10	17, 15	1, 60	6, 36	0, 73
20	18, 23	1, 08	6, 89	0, 53
5 0 11	18, 76	0, 53	7, 22	0, 33
10	18, 72	0, 04	7, 32	0, 10
20	18, 11	0, 61	7, 19	0, 13

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″22 —		+ 3,″33 —	
10	— 1, 71 +	2,″93	4, 94	1,″61
20	4, 59	2, 88	5, 86	0, 92
1 0 7	7, 26	2, 67	6, 59	0, 73
10	9, 83	2, 57	7, 14	0, 55
20	12, 04	2, 21	7, 46	0, 32
2 0 8	13, 90	1, 86	7, 55	0, 09
10	15, 31	1, 41	7, 43	0, 12
20	16, 27	0, 96	7, 06	0, 37
3 0 9	16, 74	0, 47	6, 48	0, 58
10	16, 69	0, 05	5, 71	0, 77
20	16, 16	0, 53	4, 78	0, 93
4 0 10	15, 11	1, 05	3, 70	1, 08
10	13, 61	1, 50	2, 49	1, 21
20	11, 70	1, 91	+ 1, 20 —	1, 29
5 0 11	9, 43	2, 27	— 0, 11 +	1, 31
10	6, 88	2, 55	1, 41	1, 30
20	4, 11	2, 77	2, 67	1, 26

51 m Leonis. 6. 51

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	158° 54′ 23″	+ 48,″67	FLAMST 19°56′ 3″	— 18,″68
DE ZACH	158 54 5		BARRY 19 56 36	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″20 —		— 5,″23 +	
10	16, 59	1,″61	4, 03	1,″20
20	14, 49	2, 10	2, 74	1, 29
1 0 7	11, 94	2, 55	— 1, 33 +	1, 41
10	9, 03	2, 91	+ 0, 09 —	1, 42
20	5, 84	3, 19	1, 53	1, 44
2 0 8	+ 2, 48 —	3, 36	2, 91	1, 38
10	— 0, 96 +	3, 44	4, 20	1, 29
20	4, 38	3, 42	5, 37	1, 17
3 0 9	7, 66	3, 28	6, 37	1, 00
10	10, 69	3, 03	7, 18	0, 81
20	13, 43	2, 74	7, 77	0, 59
4 0 10	15, 76	2, 33	8, 11	0, 34
10	17, 56	1, 80	8, 23	0, 12
20	18, 86	1, 30	8, 04	0, 19
5 0 11	19, 60	0, 74	7, 69	0, 35
10	19, 73	0, 13	7, 08	0, 61
20	19, 27	0, 46	6, 24	0, 84

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″23 —		+ 3,″44 —	
10	+ 0, 18 —	3,″05	4, 54	1,″10
20	— 2, 89 +	3, 07	5, 51	0, 97
1 0 7	5, 83	2, 94	6, 29	0, 78
10	8, 63	2, 80	6, 90	0, 61
20	11, 16	2, 53	7, 32	0, 42
2 0 8	13, 35	2, 19	7, 45	0, 13
10	15, 14	1, 79	7, 41	0, 04
20	16, 45	1, 31	7, 10	0, 31
3 0 9	17, 28	0, 83	6, 62	0, 48
10	17, 58	0, 30	5, 93	0, 69
20	17, 35	0, 23	5, 04	0, 89
4 0 10	16, 56	0, 79	4, 02	1, 02
10	15, 31	1, 25	2, 86	1, 16
20	13, 58	1, 73	1, 61	1, 25
5 0 11	11, 43	2, 15	+ 0, 34 —	1, 27
10	8, 95	2, 48	— 0, 96 +	1, 30
20	6, 18	2, 77	2, 23	1, 27

k Leonis, trium in ventre ſequens et borea. 6. 52

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	158° 57′ 20″	+ 48,″00	CAILLE 15° 14′ 56″	— 18,″69
TOB. MAYER	158 57 18		T. MAY. 15 14 50	
DE ZACH	158 57 10		BARRY 15 14 51	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″73 —		— 5,″96 +	
10	16, 16	1,″57	5, 02	0,″94
20	14, 12	2, 04	3, 92	1, 10
1 0 7	11, 63	2, 49	2, 69	1, 23
10	8, 80	2, 83	1, 41	1, 28
20	5, 69	3, 11	— 0, 10 +	1, 31
2 0 8	+ 2, 42 —	3, 27	+ 1, 27 —	1, 37
10	— 0, 93 +	3, 35	2, 57	1, 30
20	4, 27	3, 34	3, 81	1, 24
3 0 9	7, 46	3, 19	4, 90	1, 09
10	10, 42	2, 96	5, 86	0, 96
20	13, 08	2, 66	6, 64	0, 78
4 0 10	15, 35	2, 27	7, 23	0, 59
10	17, 11	1, 76	7, 57	0, 34
20	18, 38	1, 27	7, 70	0, 13
5 0 11	19, 09	0, 71	7, 61	0, 09
10	19, 23	0, 14	7, 28	0, 33
20	18, 77	0, 46	6, 71	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″43 —		+ 3,″45 —	
10	— 0, 57 +	3,″00	4, 55	1,″10
20	3, 56	2, 99	5, 52	0, 97
1 0 7	6, 42	2, 86	6, 30	0, 78
10	9, 10	2, 68	6, 91	0, 61
20	11, 49	2, 39	7, 31	0, 40
2 0 8	13, 55	2, 06	7, 46	0, 15
10	15, 20	1, 65	7, 42	0, 04
20	16, 36	1, 16	7, 11	0, 31
3 0 9	17, 05	0, 69	6, 63	0, 48
10	17, 20	0, 15	5, 93	0, 70
20	16, 86	0, 34	5, 05	0, 88
4 0 10	15, 96	0, 90	4, 02	1, 03
10	14, 61	1, 35	2, 86	1, 16
20	12, 82	1, 79	1, 60	1, 26
5 0 11	10, 62	2, 20	+ 0, 33 —	1, 27
10	8, 12	2, 50	— 0, 97 +	1, 30
20	5, 35	2, 77	2, 24	1, 27

l Leonis, auſtrina trium in ventre. *6.* 53

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	159° 41′ 0″	+ 47,″47	CAILLE 11°36′11″	— 18,″79
TOB. MAYER	159 41 0		T. MAY. 11 36 4	
DE ZACH	159 40 53		BARRY 11 36 2	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″56 —		— 6,″52 +	
10	16, 06	1,″50	5, 79	0,″73
20	14, 08	1, 98	4, 85	0, 94
1 0 7	11, 66	2, 42	3, 79	1, 06
10	8, 90	2, 76	2, 57	1, 22
20	5, 89	3, 01	1, 30	1, 27
2 0 8	+ 2, 65 —	3, 24	— 0, 01 +	1, 29
10	— 0, 64 +	3, 29	+ 1, 31 —	1, 32
20	3, 88	3, 24	2, 59	1, 28
3 0 9	7, 07	3, 19	3, 77	1, 18
10	10, 02	2, 95	4, 84	1, 07
20	12, 66	2, 64	5, 78	0, 94
4 0 10	14, 92	2, 26	6, 54	0, 76
10	16, 72	1, 80	7, 08	0, 54
20	18, 01	1, 29	7, 43	0, 35
5 0 11	18, 75	0, 74	7, 54	0, 11
10	18, 93	0, 18	7, 43	0, 11
20	18, 53	0, 40	7, 08	0, 35

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″84 —		+ 3,″32 —	
10	— 1, 12 +	2,″96	4, 42	1,″10
20	4, 05	2, 93	5, 40	0, 98
1 0 7	6, 83	2, 78	6, 21	0, 81
10	9, 43	2, 60	6, 83	0, 62
20	11, 73	2, 30	7, 25	0, 42
2 0 8	13, 68	1, 95	7, 42	0, 17
10	15, 22	1, 54	7, 40	0, 02
20	16, 28	1, 06	7, 13	0, 27
3 0 9	16, 85	0, 57	6, 66	0, 47
10	16, 92	0, 07	6, 00	0, 66
20	16, 47	0, 45	5, 12	0, 88
4 0 10	15, 52	0, 95	4, 12	1, 00
10	14, 09	1, 43	2, 96	1, 16
20	12, 24	1, 85	1, 73	1, 23
5 0 11	10, 01	2, 23	+ 0, 45 —	1, 28
10	7, 50	2, 51	— 0, 83 +	1, 28
20	4, 74	2, 76	2, 11	1, 28

k Leoni

DE LA CAILLE
TOB. MAYER
DE ZACH

Long. ☉		
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	10	
	20	
3	0	9
	10	
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	20	
5	0	11
	10	
	20	

Long. ☊		
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	20	
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2	0	8
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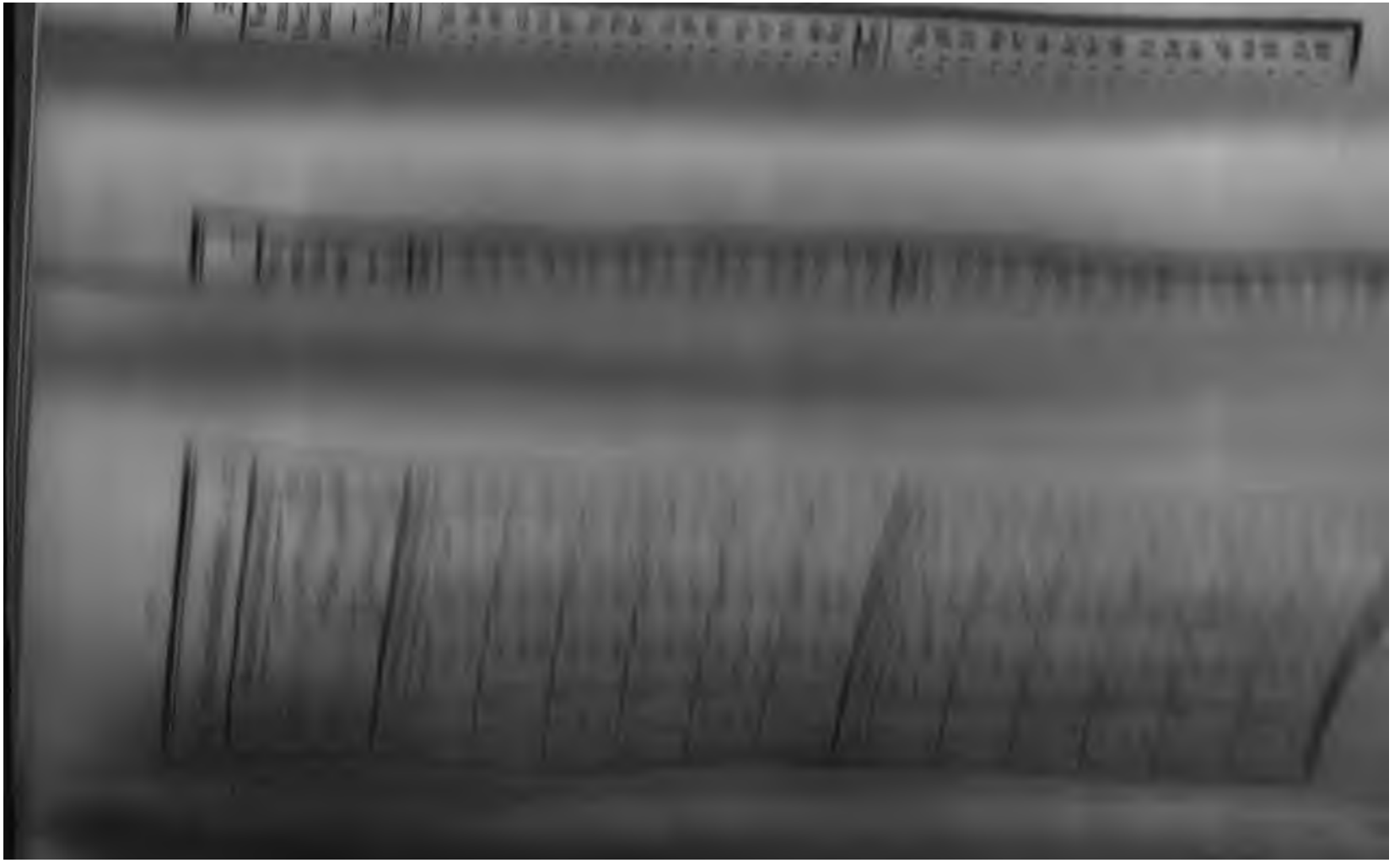

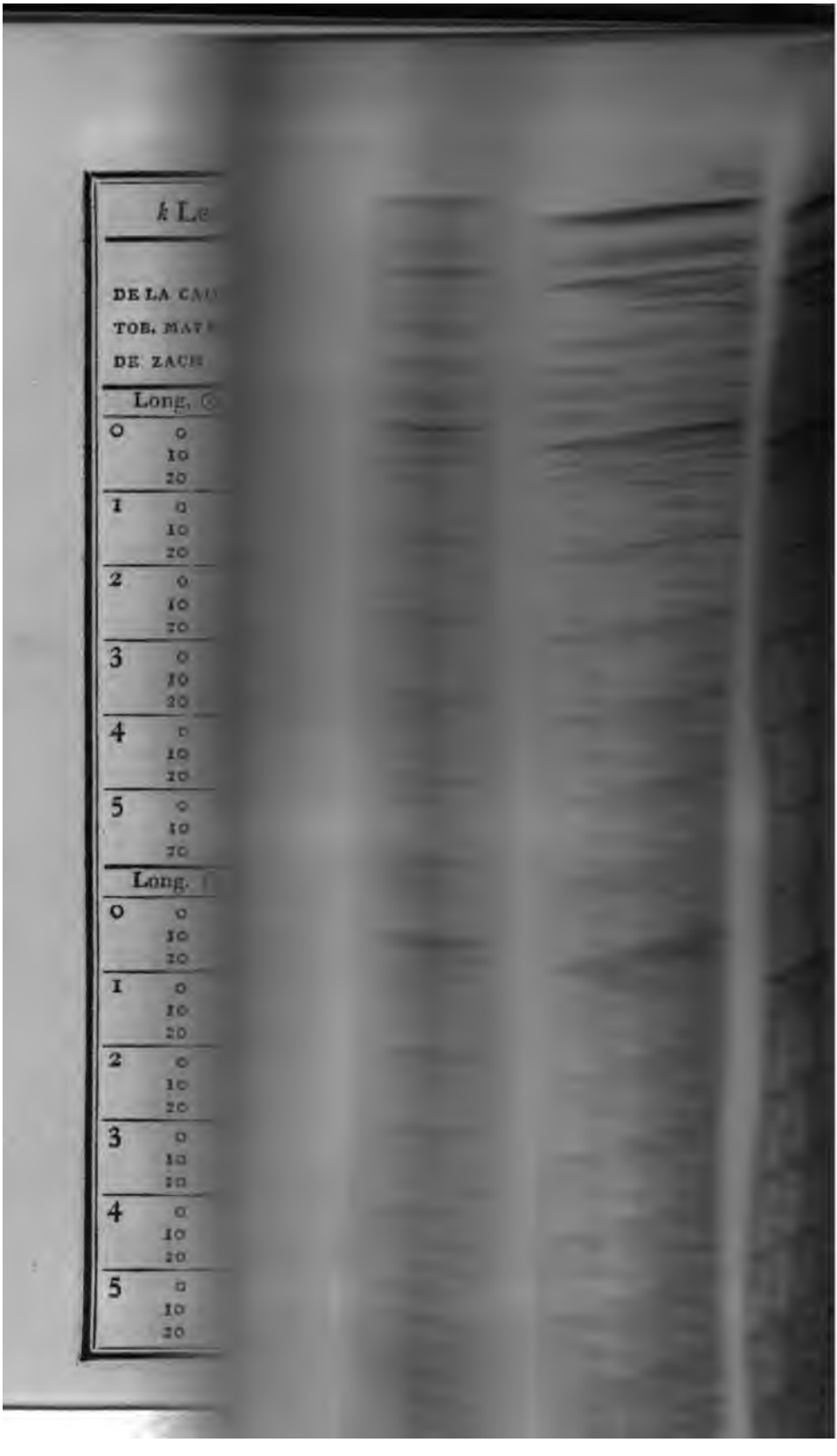

k Le

DE LA CAU
TOB. MAY
DE ZACH

Long. ☉	
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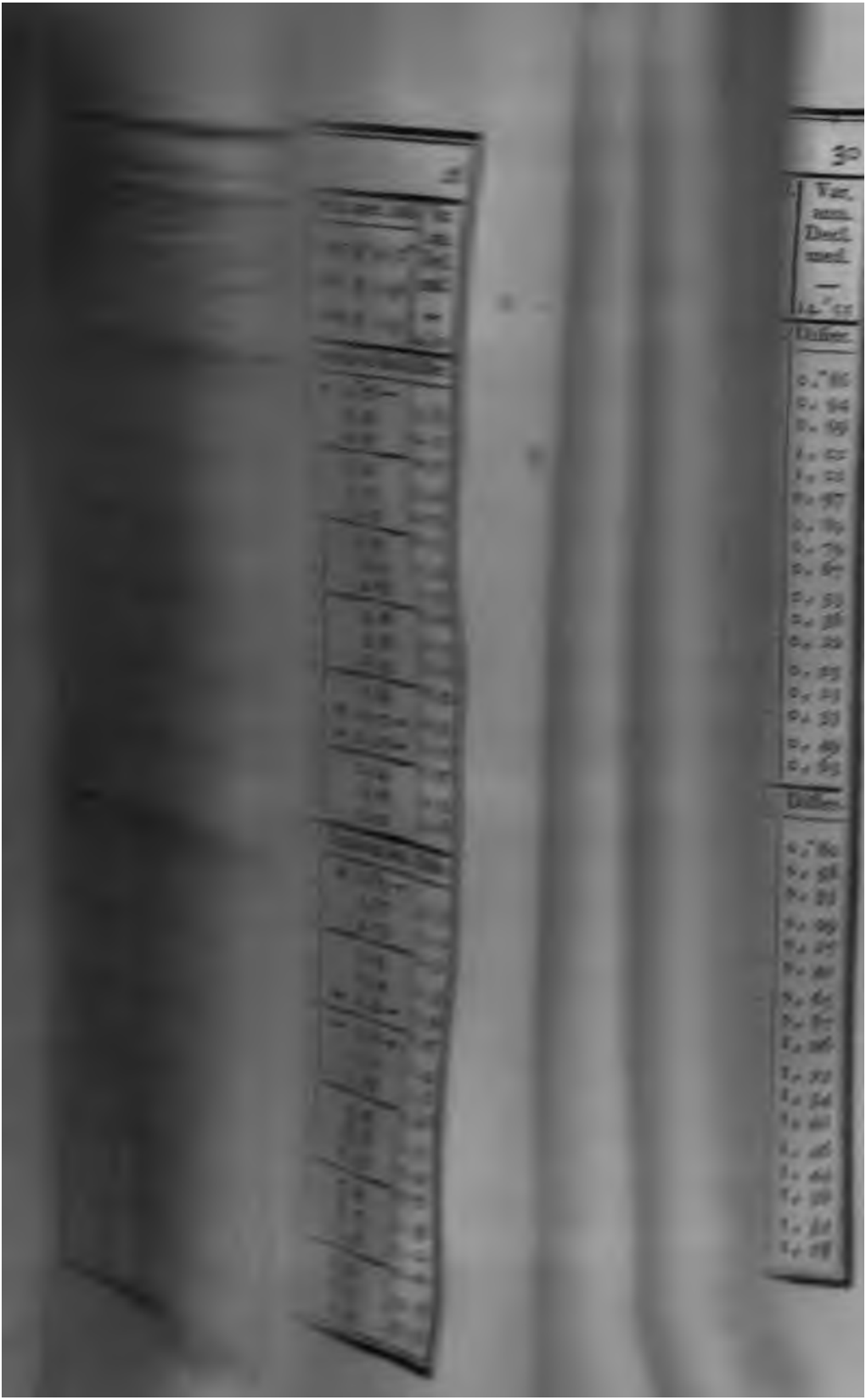

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	161° 11′ 23″		FLAMST 25°48′27″	
DE ZACH	161 11 19	+ 49,″19	BARRY 25 48 49	— 18,″96

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 19,″28 —		— 4,″56 +	
10	17, 74	1,″54	3, 06	1,″50
20	15, 69	2, 05	— 1, 46 +	1, 60
1 0 7	13, 12	2, 57	+ 0, 19 —	1, 65
10	10, 18	2, 94	1, 80	1, 61
20	6, 92	3, 26	3, 40	1, 60
2 0 8	+ 3, 45 —	3, 47	4, 98	1, 58
10	— 0, 13 +	3, 58	6, 25	1, 27
20	3, 70	3, 57	7, 35	1, 10
3 0 9	7, 17	3, 47	8, 26	0, 91
10	10, 40	3, 23	8, 91	0, 65
20	13, 33	2, 93	9, 33	0, 42
4 0 10	15, 86	2, 53	9, 44	0, 11
10	17, 94	2, 08	9, 25	0, 19
20	19, 37	1, 43	8, 81	0, 44
5 0 11	20, 31	0, 94	8, 07	0, 74
10	20, 58	0, 27	7, 12	0, 95
20	20, 25	0, 33	5, 92	1, 20

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 4,″37 —		+ 3,″07 —	
10	+ 1, 27 —	3,″10	4, 20	1,″13
20	— 1, 88 +	3, 15	5, 18	0, 98
1 0 7	4, 94	3, 06	6, 01	0, 83
10	7, 86	2, 92	6, 66	0, 65
20	10, 56	2, 70	7, 13	0, 47
2 0 8	12, 94	2, 38	7, 35	0, 22
10	14, 91	1, 97	7, 37	0, 02
20	16, 43	1, 52	7, 15	0, 22
3 0 9	17, 45	1, 02	6, 72	0, 43
10	17, 95	0, 50	6, 10	0, 62
20	17, 90	0, 05	5, 26	0, 84
4 0 10	17, 29	0, 61	4, 30	0, 96
10	16, 17	1, 12	3, 17	1, 13
20	14, 56	1, 61	1, 96	1, 21
5 0 11	12, 49	2, 07	+ 0, 70 —	1, 26
10	10, 08	2, 41	— 0, 58 +	1, 28
20	7, 33	2, 75	1, 85	1, 27

55 Leonis. 5. 6. 55

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	161° 21′ 8″	+ 46,″23	BRADL. 1° 48′ 0″	— 18,″99
DE LA CAILLE	161 21 13		CAILLE 1 48 3	
DE ZACH	161 21 8		BARRY 1 48 1	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″39 —		— 7,″78 +	
10	16, 02	1,″37	7, 54	0,″24
20	14, 18	1, 84	7, 12	0, 42
1 0 7	11, 89	2, 29	6, 45	0, 67
10	9, 23	2, 66	5, 59	0, 86
20	6, 31	2, 92	4, 56	1, 03
2 0 8	+ 3, 18 —	3, 13	3, 38	1, 18
10	— 0, 04 +	3, 22	2, 10	1, 28
20	3, 26	3, 22	— 0, 77 +	1, 33
3 0 9	6, 37	3, 11	+ 0, 60 —	1, 37
10	9, 29	2, 92	1, 94	1, 34
20	11, 96	2, 67	3, 23	1, 29
4 0 10	14, 22	2, 26	4, 41	1, 18
10	16, 07	1, 85	5, 47	1, 06
20	17, 42	1, 35	6, 35	0, 88
5 0 11	18, 25	0, 83	7, 04	0, 69
10	18, 53	0, 28	7, 51	0, 47
20	18, 24	0, 29	7, 74	0, 23

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″28 —		+ 3,″04 —	
10	— 2, 58 +	2,″86	4, 17	1,″13
20	5, 36	2, 78	5, 17	1, 00
1 0 7	7, 96	2, 60	6, 00	0, 83
10	10, 34	2, 38	6, 65	0, 65
20	12, 39	2, 05	7, 13	0, 48
2 0 8	14, 08	1, 69	7, 35	0, 22
10	15, 34	1, 26	7, 37	0, 02
20	16, 12	0, 78	7, 15	0, 22
3 0 9	16, 43	0, 31	6, 73	0, 42
10	16, 22	0, 21	6, 11	0, 62
20	15, 53	0, 69	5, 27	0, 84
4 0 10	14, 36	1, 17	4, 32	0, 95
10	12, 76	1, 60	3, 20	1, 12
20	10, 77	1, 99	1, 99	1, 21
5 0 11	8, 45	2, 32	+ 0, 72 —	1, 27
10	— 5, 89	2, 56	— 0, 56 +	1, 28
20	3, 13	2, 76	1, 83	1, 27

56 Leonis. 6. 7. 56

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	161° 24′ 31″	+ 46,″84	BRADL. 7° 14′ 55″	— 18,″99
DE LA CAILLE	161 24 33		CAILLE 7 15 1	
DE ZACH	161 24 29		BARRY 7 15 4	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″52 —		— 7,″16 +	
10	16, 13	1,″39	6, 65	0,″51
20	14, 28	1, 85	5, 93	0, 72
1 0 7	11, 96	2, 32	5, 02	0, 91
10	9, 30	2, 66	3, 95	1, 07
20	6, 36	2, 94	2, 78	1, 17
2 0 8	+ 3, 21 —	3, 15	1, 53	1, 25
10	— 0, 04 +	3, 25	— 0, 20 +	1, 33
20	3, 29	3, 25	+ 1, 10 —	1, 30
3 0 9	6, 42	3, 13	2, 39	1, 29
10	9, 36	2, 94	3, 61	1, 22
20	12, 03	2, 67	4, 70	1, 09
4 0 10	14, 33	2, 30	5, 67	0, 97
10	16, 19	1, 86	6, 45	0, 78
20	17, 55	1, 36	7, 02	0, 57
5 0 11	18, 39	0, 84	7, 41	0, 39
10	18, 67	0, 28	7, 56	0, 15
20	18, 38	0, 29	7, 48	0, 08

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″15 —		+ 3,″04 —	
10	— 1, 76 +	2,″91	4, 17	1,″13
20	4, 62	2, 86	5, 17	1, 00
1 0 7	7, 32	2, 70	6, 00	0, 83
10	9, 82	2, 50	6, 65	0, 65
20	12, 00	2, 18	7, 13	0, 48
2 0 8	13, 84	1, 84	7, 35	0, 22
10	15, 25	1, 41	7, 37	0, 02
20	16, 18	0, 93	7, 15	0, 22
3 0 9	16, 64	0, 46	6, 73	0, 42
10	16, 58	0, 06	6, 11	0, 62
20	16, 03	0, 55	5, 27	0, 84
4 0 10	14, 98	1, 05	4, 32	0, 95
10	13, 48	1, 50	3, 20	1, 12
20	11, 58	1, 90	1, 99	1, 21
5 0 11	9, 31	2, 27	+ 0, 72 —	1, 27
10	6, 78	2, 53	— 0, 56 +	1, 28
20	4, 02	2, 76	1, 82	1, 26

d Leonis, trium ſub ventre auſtrina. 5. 6. 58

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	162° 33′ 30″	+ 46,″52	BRADL. 4°41′21″	— 19,″11
DE LA CAILLE	162 33 25		CAILLE 4 41 42	
TOB. MAYER	162 33 31		T. MAY. 4 41 21	
DE ZACH	162 33 18		BARRY 4 41 22	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″54 —		— 7,″49 +	
10	16, 23	1,″31	7, 12	0,″37
20	14, 43	1, 80	6, 50	0, 62
1 0 7	12, 18	2, 25	5, 70	0, 80
10	9, 57	2, 61	4, 74	0, 96
20	6, 67	2, 90	3, 63	1, 11
2 0 8	3, 55	3, 12	2, 40	1, 23
10	+ 0, 33 —	3, 22	— 1, 10 +	1, 30
20	— 2, 90 +	3, 23	+ 0, 24 —	1, 34
3 0 9	6, 03	3, 13	1, 56	1, 32
10	8, 98	2, 95	2, 85	1, 29
20	11, 67	2, 69	4, 03	1, 18
4 0 10	13, 99	2, 32	5, 10	1, 07
10	15, 90	1, 91	6, 01	0, 91
20	17, 32	1, 42	6, 75	0, 74
5 0 11	18, 21	0, 89	7, 26	0, 51
10	18, 55	0, 34	7, 58	0, 32
20	18, 33	0, 22	7, 65	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″75 —		+ 2,″87 —	
10	— 2, 14 +	2,″89	4, 01	1,″14
20	4, 96	2, 82	5, 01	1, 00
1 0 7	7, 61	2, 65	5, 88	0, 87
10	10, 05	2, 44	6, 55	0, 67
20	12, 16	2, 11	7, 05	0, 50
2 0 8	13, 94	1, 78	7, 30	0, 25
10	15, 28	1, 34	7, 35	0, 05
20	16, 20	0, 92	7, 16	0, 19
3 0 9	16, 52	0, 32	6, 77	0, 39
10	16, 40	0, 12	6, 18	0, 59
20	15, 79	0, 61	5, 39	0, 79
4 0 10	14, 68	1, 11	4, 43	0, 96
10	13, 13	1, 55	3, 33	1, 10
20	11, 19	1, 94	2, 14	1, 19
5 0 11	8, 91	2, 28	+ 0, 89 —	1, 25
10	6, 36	2, 55	— 0, 39 +	1, 28
20	3, 60	2, 76	1, 65	1, 26

c Leonis, trium ſub ventre media. 5. 59

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	162° 35′ 42″	+ 46,″79	BRADL. 7°10′22″	— 19,″12
DE LA CAILLE	162 35 37		CAILLE 7 10 28	
TOB. MAYER	162 35 44		T. MAY. 7 10 28	
DE ZACH	162 35 33		BARRY 7 10 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″63 —		— 7,″21 +	
10	16, 32	1,″31	6, 70	0,″51
20	14, 52	1, 80	5, 98	0, 72
1 0 7	12, 27	2, 25	5, 07	0, 91
10	9, 65	2, 62	4, 00	1, 07
20	6, 73	2, 92	2, 82	1, 18
2 0 8	3, 60	3, 13	1, 57	1, 25
10	+ 0, 37 —	3, 23	— 0, 24 +	1, 33
20	— 2, 87 +	3, 24	+ 1, 08 —	1, 32
3 0 9	6, 03	3, 16	2, 38	1, 30
10	8, 96	2, 93	3, 62	1, 24
20	11, 68	2, 72	4, 72	1, 10
4 0 10	14, 03	2, 35	5, 68	0, 96
10	15, 96	1, 93	6, 48	0, 80
20	17, 39	1, 43	7, 06	0, 58
5 0 11	18, 29	0, 90	7, 50	0, 44
10	18, 64	0, 35	7, 60	0, 10
20	18, 44	0, 20	7, 53	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″15 —		+ 2,″86 —	
10	— 1, 76 +	2,″91	4, 00	1,″14
20	4, 62	2, 86	5, 00	1, 00
1 0 7	7, 31	2, 69	5, 87	0, 87
10	9, 80	2, 49	6, 54	0, 67
20	11, 99	2, 19	7, 04	0, 50
2 0 8	13, 83	1, 84	7, 30	0, 26
10	15, 23	1, 40	7, 35	0, 05
20	16, 16	0, 93	7, 16	0, 19
3 0 9	16, 62	0, 46	6, 78	0, 38
10	16, 56	0, 06	6, 19	0, 59
20	16, 01	0, 55	5, 40	0, 79
4 0 10	14, 96	1, 05	4, 44	0, 96
10	13, 46	1, 50	3, 34	1, 10
20	11, 56	1, 90	2, 16	1, 18
5 0 11	9, 29	2, 27	+ 0, 90 —	1, 26
10	6, 77	2, 52	— 0, 38 +	1, 28
20	4, 01	2, 76	1, 63	1, 25

60 *b* Leonis. 5. 60

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	162° 54′ 18″		FLAMST 21° 15′ 1″	
DE ZACH	162 54 24	+ 48,″35	BARRY 21 15 2	— 19.″11

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″80 —		— 4,″45 +	
10	17, 43	1,″37	4, 13	1,″32
20	15, 53	1, 90	2, 76	1, 37
1 0 7	13, 13	2, 40	— 1, 26 +	1, 50
10	10, 35	2, 78	+ 0, 26 —	1, 52
20	7, 26	3, 09	1, 80	1, 54
2 0 8	3, 94	3, 32	3, 26	1, 46
10	+ 0, 50 —	3, 44	4, 64	1, 38
20	— 2, 95 +	3, 45	5, 86	1, 22
3 0 9	6, 31	3, 36	6, 92	1, 06
10	9, 47	3, 16	7, 75	0, 83
20	12, 36	2, 89	8, 36	0, 61
4 0 10	14, 86	2, 50	8, 71	0, 35
10	16, 93	2, 07	8, 81	0, 10
20	18, 46	1, 53	8, 65	0, 16
5 0 11	19, 44	0, 98	8, 18	0, 47
10	19, 84	0, 40	7, 45	0, 73
20	19, 63	0, 21	6, 57	0, 88

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″55 —		+ 2,″82 —	
10	0, 51	3,″04	3, 93	1,″11
20	— 2, 55 +	3, 06	4, 96	1, 03
1 0 7	5, 51	2, 96	5, 83	0, 87
10	8, 31	2, 80	6, 51	0, 68
20	10, 87	2, 56	7, 01	0, 50
2 0 8	13, 09	2, 22	7, 28	0, 27
10	14, 92	1, 83	7, 34	0, 06
20	16, 28	1, 36	7, 16	0, 18
3 0 9	17, 16	0, 88	6, 78	0, 38
10	17, 52	0, 36	6, 21	0, 57
20	17, 35	0, 17	5, 43	0, 78
4 0 10	16, 64	0, 71	4, 49	0, 94
10	15, 42	1, 22	3, 38	1, 11
20	13, 75	1, 67	2, 20	1, 18
5 0 11	11, 64	2, 11	+ 0, 96 —	1, 24
10	9, 21	2, 43	— 0, 33 +	1, 29
20	6, 47	2, 74	1, 58	1, 25

61 Leonis. 5. 61

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	162° 51′ 57″		FLAMST. 1°18′42″	
DE ZACH	162 54 17	+ 45,″88	BARRY 1 12 52	+ 19,″14

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″52 —		+ 8,″07 —	
10	16, 24	1,″28	8, 00	0,″07
20	14, 47	1, 77	7, 70	0, 30
1 0 7	12, 24	2, 23	7, 16	0, 54
10	9, 65	2, 59	6, 43	0, 73
20	6, 77	2, 88	5, 48	0, 95
2 0 8	3, 67	3, 10	4, 35	1, 13
10	+ 0, 47 —	3, 20	3, 10	1, 25
20	— 2, 75 +	3, 22	1, 77	1, 33
3 0 9	5, 88	3, 13	+ 0, 37 —	1, 40
10	8, 83	2, 95	— 1, 02 +	1, 39
20	11, 48	2, 65	2, 40	1, 38
4 0 10	13, 85	2, 37	3, 71	1, 31
10	15, 78	1, 93	4, 91	1, 20
20	17, 21	1, 43	5, 95	1, 04
5 0 11	18, 12	0, 91	6, 82	0, 87
10	18, 49	0, 37	7, 45	0, 63
20	18, 29	0, 20	7, 87	0, 42

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″19 +		— 2,″82 +	
10	3, 02	2,″83	3, 93	1,″11
20	5, 77	2, 75	4, 96	1, 03
1 0 7	8, 33	2, 56	5, 83	0, 87
10	10, 63	2, 30	6, 51	0, 68
20	12, 61	1, 98	7, 01	0, 50
2 0 8	14, 22	1, 61	7, 28	0, 27
10	15, 39	1, 17	7, 34	0, 06
20	16, 09	0, 70	7, 16	0, 18
3 0 9	16, 31	0, 22	6, 78	0, 38
10	16, 03	0, 28	6, 21	0, 57
20	15, 26	0, 77	5, 43	0, 78
4 0 10	14, 03	1, 23	4, 49	0, 94
10	12, 37	1, 66	3, 38	1, 11
20	10, 33	2, 04	2, 20	1, 18
5 0 11	7, 98	2, 35	— 0, 96 +	1, 24
10	5, 40	2, 58	+ 0, 33 —	1, 29
20	2, 64	2, 76	1, 58	1, 25

χ Leonis, trium ſub ventre borea. 4. 5. 63

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	163° 40′ 41″	+ 46,″87	BRADL. 8°24′55″	— 19,″22
DE LA CAILLE	163 40 38		CAILLE 8 25 0	
TOB. MAYER	163 40 43		T. MAY. 8 24 53	
DE ZACH	163 40 22		BARRY 8 24 59	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″79 —		— 7,″18 +	
10	16, 54	1,″25	6, 53	0,″65
20	14, 79	1, 75	5, 74	0, 79
1 0 7	12, 58	2, 21	4, 78	0, 96
10	10, 00	2, 58	3, 66	1, 12
20	7, 11	2, 89	2, 44	1, 22
2 0 8	3, 98	3, 13	— 1, 19 +	1, 25
10	+ 0, 76 —	3, 22	+ 0, 20 —	1, 39
20	— 2, 50 +	3, 26	1, 52	1, 32
3 0 9	5, 67	3, 17	2, 77	1, 25
10	8, 67	3, 00	4, 00	1, 23
20	11, 41	2, 74	5, 06	1, 06
4 0 10	13, 81	2, 40	6, 00	0, 94
10	15, 79	1, 98	6, 75	0, 75
20	17, 29	1, 50	7, 25	0, 50
5 0 11	18, 25	0, 96	7, 62	0, 37
10	18, 67	0, 42	7, 66	0, 04
20	18, 51	0, 16	7, 50	0, 16

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″35 —		+ 2,″69 —	
10	— 1, 56 +	2,″91	3, 84	1,″15
20	4, 43	2, 87	4, 86	1, 02
1 0 7	7, 14	2, 71	5, 73	0, 87
10	9, 66	2, 52	6, 43	0, 70
20	11, 87	2, 21	6, 96	0, 53
2 0 8	13, 74	1, 87	7, 25	0, 29
10	15, 18	1, 44	7, 32	0, 07
20	16, 15	0, 97	7, 18	0, 14
3 0 9	16, 64	0, 49	6, 81	0, 37
10	16, 63	0, 01	6, 26	0, 55
20	16, 11	0, 52	5, 49	0, 77
4 0 10	15, 09	1, 02	4, 57	0, 92
10	13, 61	1, 48	3, 49	1, 08
20	11, 74	1, 87	2, 34	1, 15
5 0 11	9, 52	2, 22	+ 1, 09 —	1, 25
10	6, 98	2, 54	— 0, 21 +	1, 30
20	4, 22	2, 76	1, 43	1, 21

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	164° 10′ 48″	+ 46,″32	CAILLE 3° 2′16″	— 19,″27
DE ZACH	164 10 29		BARRY 3 2 31	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″68 —		— 7,″68 +	
10	16, 45	1,″23	7, 38	0,″30
20	14, 75	1, 70	6, 85	0, 53
1 0 7	12, 58	2, 17	6, 14	0, 71
10	10, 04	2, 54	5, 23	0, 91
20	7, 19	2, 85	4, 19	1, 04
2 0 8	4, 11	3, 08	3, 00	1, 19
10	+ 0, 92 —	3, 19	1, 71	1, 29
20	— 2, 30 +	3, 22	— 0, 37 +	1, 34
3 0 9	5, 46	3, 16	+ 0, 98 —	1, 35
10	8, 44	2, 98	2, 30	1, 32
20	11, 18	2, 74	3, 59	1, 29
4 0 10	13, 57	2, 39	4, 74	1, 15
10	15, 60	2, 03	5, 74	1, 00
20	17, 05	1, 45	6, 55	0, 81
5 0 11	18, 04	0, 99	7, 18	0, 63
10	18, 49	0, 45	7, 62	0, 44
20	18, 36	0, 13	7, 69	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″49 —		+ 2,″58 —	
10	— 2, 38 +	2,″87	3, 73	1,″15
20	5, 18	2, 80	4, 76	1, 03
1 0 7	7, 80	2, 62	5, 65	0, 89
10	10, 20	2, 40	6, 36	0, 71
20	12, 29	2, 09	6, 89	0, 53
2 0 8	14, 01	1, 72	7, 21	0, 32
10	15, 30	1, 29	7, 31	0, 10
20	16, 26	0, 96	7, 18	0, 13
3 0 9	16, 45	0, 19	6, 82	0, 36
10	16, 28	0, 17	6, 29	0, 53
20	15, 63	0, 65	5, 54	0, 75
4 0 10	14, 49	1, 14	4, 62	0, 92
10	12, 91	1, 58	3, 56	1, 06
20	10, 95	1, 96	2, 40	1, 16
5 0 11	8, 64	2, 31	+ 1, 16 —	1, 24
10	6, 09	2, 55	— 0, 09 +	1, 25
20	3, 34	2, 75	1, 37	1, 28

ϑ Leonis, duarum in lumbis ſequens. 2. 3. 68

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	165° 51′ 38″	+ 47,″98	BRADL. 21° 37′ 11″	— 19.″43
DE LA CAILLE	165 51 25		CAILLE 21 37 14	
TOB. MAYER	165 51 35		T. MAY. 21 37 8	
DE LAMBRE	165 51 43		L.LAND. 21 37 6	
DE ZACH	165 51 41		BARRY 21 37 5	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 19,″13 —		— 5,″77 +	
10	17, 94	1,″19	4, 44	1,″33
20	16, 19	1, 75	2, 98	1, 46
1 0 7	13, 94	2, 25	— 1, 42 +	1, 56
10	11, 28	2, 66	+ 0, 18 —	1, 60
20	8, 28	3, 00	1, 76	1, 58
2 0 8	5, 03	3, 25	3, 31	1, 55
10	+ 1, 62 —	3, 41	4, 74	1, 43
20	— 1, 83 +	3, 45	6, 04	1, 30
3 0 9	5, 24	3, 41	7, 15	1, 11
10	8, 49	3, 25	8, 03	0, 88
20	11, 47	2, 98	8, 73	0, 70
4 0 10	14, 11	2, 64	9, 08	0, 35
10	16, 31	2, 20	9, 19	0, 11
20	18, 02	1, 71	9, 01	0, 18
5 0 11	19, 19	1, 17	8, 55	0, 46
10	19, 79	0, 60	7, 87	0, 68
20	20, 05	0, 26	6, 92	0, 95

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″66 —		+ 2,″33 —	
10	+ 0, 65 —	3,″01	3, 51	1,″18
20	— 2, 40 +	3, 05	4, 55	1, 04
1 0 7	5, 34	2, 94	5, 47	0, 92
10	8, 14	2, 80	6, 22	0, 75
20	10, 68	2, 54	6, 79	0, 57
2 0 8	12, 93	2, 25	7, 13	0, 34
10	14, 76	1, 83	7, 27	0, 14
20	16, 01	1, 25	7, 19	0, 08
3 0 9	16, 93	0, 92	6, 88	0, 31
10	17, 41	0, 48	6, 38	0, 50
20	17, 27	0, 14	5, 67	0, 71
4 0 10	16, 59	0, 68	4, 79	0, 88
10	15, 40	1, 19	3, 77	1, 02
20	13, 76	1, 64	2, 63	1, 14
5 0 11	11, 68	2, 08	1, 41	1, 22
10	9, 27	2, 41	+ 0, 15 —	1, 26
20	6, 57	2, 70	— 1, 12 +	1, 27

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	165° 52′ 56″		CAILLE 1° 0′ 57″	
DE ZACH	165 52 46	+ 46,″11	BARRY 1 0 1	— 19.″43

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″78 —		— 7,″88 +	
10	16, 68	1,″10	7, 71	0,″17
20	15, 05	1, 63	7, 30	0, 41
1 0 7	12, 96	2, 09	6, 66	0, 64
10	10, 49	2, 47	5, 92	0, 74
20	7, 70	2, 79	4, 81	1, 11
2 0 8	4, 68	3, 02	3, 66	1, 15
10	+ 1, 51 —	3, 17	2, 38	1, 28
20	— 1, 70 +	3, 21	— 1, 04 +	1, 34
3 0 9	4, 87	3, 17	+ 0, 34 —	1, 38
10	7, 89	3, 02	1, 69	1, 35
20	10, 66	2, 77	3, 00	1, 31
4 0 10	13, 12	2, 46	4, 24	1, 24
10	15, 16	2, 04	5, 32	1, 08
20	16, 75	1, 59	6, 26	0, 94
5 0 11	17, 84	1, 09	7, 00	0, 74
10	18, 40	0, 56	7, 52	0, 52
20	18, 64	0, 24	7, 82	0, 30

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″16 —		+ 2,″33 —	
10	— 2, 69 +	2,″85	3, 51	1,″18
20	5, 46	2, 77	4, 55	1, 04
1 0 7	8, 04	2, 58	5, 47	0, 92
10	10, 41	2, 37	6, 22	0, 75
20	12, 44	2, 03	6, 79	0, 57
2 0 8	14, 11	1, 67	7, 13	0, 34
10	15, 34	1, 23	7, 27	0, 14
20	16, 10	0, 76	7, 19	0, 08
3 0 9	16, 38	0, 28	6, 88	0, 31
10	16, 16	0, 22	6, 38	0, 50
20	15, 45	0, 71	5, 67	0, 71
4 0 10	14, 27	1, 18	4, 79	0, 88
10	12, 65	1, 62	3, 77	1, 02
20	10, 65	2, 00	2, 63	1, 14
5 0 11	8, 32	2, 33	1, 41	1, 22
10	5, 76	2, 56	+ 0, 15 —	1, 26
20	3, 01	2, 75	— 1, 12 +	1, 27

θ Leonis, duarum in coxis borea. 3. 70

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	165° 56′ 3″	+ 47,″48	BRADL. 16° 31′ 18″	— 19,″43
DE LA CAILLE	165 55 50		CAILLE 16 31 26	
TOB. MAYER	165 55 59		T. MAY. 16 31 20	
DE LAMBRE	165 55 52		L. LAND. 16 31 21	
DE ZACH	165 55 53		BARRY 16 31 15	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″55 —		— 6,″37 +	
10	17, 40	1,″15	5, 31	1,″06
20	15, 69	1, 71	4, 09	1, 22
1 0 7	13, 52	2, 17	2, 75	1, 34
10	10, 94	2, 58	— 1, 33 +	1, 42
20	8, 03	2, 91	+ 0, 13 —	1, 46
2 0 8	4, 88	3, 15	1, 59	1, 46
10	+ 1, 58 —	3, 30	3, 00	1, 41
20	— 1, 77 +	3, 35	4, 33	1, 33
3 0 9	5, 08	3, 31	5, 52	1, 19
10	8, 23	3, 15	6, 54	1, 02
20	11, 12	2, 89	7, 37	0, 83
4 0 10	13, 69	2, 57	7, 98	0, 61
10	15, 81	2, 12	8, 32	0, 34
20	17, 47	1, 66	8, 42	0, 10
5 0 11	18, 61	1, 14	8, 28	0, 14
10	19, 19	0, 58	7, 86	0, 42
20	19, 44	0, 25	7, 22	0, 64

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″74 —		+ 2,″31 —	
10	— 0, 23 +	2,″97	3, 49	1,″18
20	3, 20	2, 97	4, 53	1, 04
1 0 7	6, 05	2, 85	5, 45	0, 92
10	8, 74	2, 69	6, 21	0, 76
20	11, 14	2, 40	6, 77	0, 56
2 0 8	13, 24	2, 10	7, 12	0, 35
10	14, 91	1, 67	7, 26	0, 14
20	16, 17	1, 26	7, 18	0, 08
3 0 9	16, 86	0, 69	6, 88	0, 30
10	17, 08	0, 22	6, 38	0, 50
20	16, 79	0, 29	5, 68	0, 70
4 0 10	15, 98	0, 81	4, 79	0, 89
10	14, 68	1, 30	3, 78	1, 01
20	13, 05	1, 63	2, 64	1, 14
5 0 11	10, 89	2, 16	1, 43	1, 21
10	8, 35	2, 54	+ 0, 17 —	1, 26
20	5, 63	2, 72	— 1, 10 +	1, 27

72 Leonis. 5. 72

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	166° 7′ 48″	+ 48,″21	FLAMST 24° 10′ 32″	— 19,″45
DE ZACH	166 8 3		BARRY 24 11 1	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 19,″51 —		— 5,″49 +	
10	18, 33	1,″18	3, 99	1,″50
20	16, 54	1, 79	2, 40	1, 59
1 0 7	14, 26	2, 28	— 0, 74 +	1, 66
10	11, 57	2, 69	+ 0, 95 —	1, 69
20	8, 57	3, 00	2, 59	1, 64
2 0 8	5, 20	3, 37	4, 17	1, 58
10	+ 1, 73 —	3, 47	5, 60	1, 43
20	— 1, 80 +	3, 53	6, 88	1, 28
3 0 9	5, 27	3, 47	7, 95	1, 07
10	8, 58	3, 31	8, 78	0, 83
20	11, 63	3, 05	9, 29	0, 51
4 0 10	14, 33	2, 70	9, 61	0, 32
10	16, 58	2, 25	9, 59	0, 02
20	18, 33	1, 75	9, 30	0, 29
5 0 11	19, 54	1, 21	8, 79	0, 51
10	20, 16	0, 62	7, 83	0, 96
20	20, 16	0, 00	6, 75	1, 08

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 4,″15 —		+ 2,″28 —	
10	+ 1, 12 —	3,″03	3, 46	1,″18
20	— 1, 97 +	3, 09	4, 50	1, 04
1 0 7	4, 95	2, 98	5, 42	0, 92
10	7, 82	2, 87	6, 18	0, 76
20	10, 43	2, 61	6, 75	0, 57
2 0 8	12, 75	2, 32	7, 11	0, 36
10	14, 67	1, 92	7, 26	0, 15
20	16, 13	1, 46	7, 18	0, 08
3 0 9	17, 11	0, 98	6, 89	0, 29
10	17, 58	0, 47	6, 39	0, 50
20	17, 51	0, 07	5, 69	0, 70
4 0 10	16, 90	0, 61	4, 81	0, 88
10	15, 78	1, 12	3, 80	1, 01
20	14, 19	1, 59	2, 67	1, 13
5 0 11	12, 15	2, 04	1, 46	1, 21
10	9, 77	2, 38	+ 0, 21 —	1, 25
20	7, 07	2, 70	— 1, 06 +	1, 27

8 Leonis, duarum in coxis auſtrina. 6. 73

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	166° 20′ 52″	+ 47,″25	CAILLE 14°23′46″	— 19,″47
TOB. MAYER	166 20 48		T. MAY. 14 23 48	
DE ZACH	166 20 44		BARRY 14 23 42	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″39 —		— 6,″66 +	
10	17, 28	1,″11	5, 70	0,″96
20	15, 62	1, 66	4, 58	1, 12
1 0 7	13, 48	2, 14	3, 34	1, 24
10	10, 94	2, 54	2, 01	1, 33
20	8, 07	2, 87	— 0, 58 +	1, 43
2 0 8	4, 97	3, 10	+ 0, 84 —	1, 42
10	+ 1, 69 —	3, 28	2, 25	1, 41
20	— 1, 62 +	3, 31	3, 60	1, 35
3 0 9	4, 89	3, 27	4, 83	1, 23
10	8, 02	3, 13	5, 89	1, 06
20	10, 89	2, 87	6, 79	0, 90
4 0 10	13, 40	2, 51	7, 52	0, 73
10	15, 57	2, 17	7, 95	0, 43
20	17, 23	1, 66	8, 22	0, 27
5 0 11	18, 38	1, 15	8, 19	0, 03
10	18, 96	0, 58	7, 90	0, 29
20	18, 99	0, 03	7, 44	0, 46

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″38 —		+ 2,″26 —	
10	— 0, 57 +	2,″95	3, 44	1,″18
20	3, 52	2, 95	4, 49	1, 05
1 0 7	6, 33	2, 81	5, 41	0, 92
10	8, 96	2, 63	6, 17	0, 76
20	11, 32	2, 36	6, 74	0, 57
2 0 8	13, 35	2, 03	7, 11	0, 37
10	14, 97	1, 62	7, 26	0, 15
20	16, 11	1, 14	7, 18	0, 08
3 0 9	16, 78	0, 67	6, 90	0, 28
10	16, 94	0, 16	6, 41	0, 49
20	16, 59	0, 35	5, 71	0, 70
4 0 10	15, 72	0, 87	4, 84	0, 87
10	14, 38	1, 34	3, 83	1, 01
20	12, 61	1, 77	2, 70	1, 13
5 0 11	10, 44	2, 17	1, 49	1, 21
10	7, 98	2, 46	+ 0, 22 —	1, 27
20	5, 26	2, 72	— 1, 03 +	1, 25

Φ Leonis. 4. 74

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
TOB. MAYER	166° 37′ 43″		T. MAY. 2°33′32″	
DE ZACH	166 37 23	+ 45,″82	BARRY 2 33 36	+ 19.″49

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″86 —		+ 8,″15 —	
10	16, 80	1,″06	8, 19	0,″04
20	15, 20	1, 60	7, 96	0, 23
1 0 7	13, 14	2, 06	7, 48	0, 48
10	10, 68	2, 46	6, 81	0, 67
20	7, 93	2, 75	5, 92	0, 89
2 0 8	4, 93	3, 00	4, 83	1, 09
10	+ 1, 76 —	3, 17	3, 60	1, 23
20	— 1, 46 +	3, 22	2, 28	1, 32
3 0 9	4, 64	3, 18	+ 0, 87 —	1, 41
10	7, 68	3, 04	— 0, 57 +	1, 44
20	10, 46	2, 78	1, 97	1, 40
4 0 10	12, 95	2, 49	3, 31	1, 34
10	15, 04	2, 09	4, 59	1, 28
20	16, 66	1, 62	5, 70	1, 11
5 0 11	17, 78	1, 12	6, 62	0, 92
10	18, 37	0, 59	7, 37	0, 75
20	18, 41	0, 04	7, 87	0, 50

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″41 +		+ 2,″21 —	
10	3, 24	2,″83	3, 38	1,″17
20	5, 96	2, 72	4, 45	1, 07
1 0 7	8, 49	2, 53	5, 38	0, 93
10	10, 78	2, 29	6, 15	0, 77
20	12, 73	1, 95	6, 72	0, 57
2 0 8	14, 30	1, 57	7, 10	0, 38
10	15, 44	1, 14	7, 25	0, 15
20	16, 10	0, 66	7, 18	0, 07
3 0 9	16, 28	0, 18	6, 90	0, 28
10	15, 96	0, 32	6, 43	0, 47
20	15, 17	0, 79	5, 73	0, 70
4 0 10	13, 92	1, 25	4, 88	0, 85
10	12, 20	1, 72	3, 86	1, 02
20	10, 15	2, 05	2, 73	1, 13
5 0 11	7, 77	2, 38	1, 53	1, 20
10	5, 19	2, 58	+ 0, 26 —	1, 27
20	2, 42	2, 77	— 0, 99 +	1, 25

q Leonis. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	166° 44′ 52″	+ 46,″27	BRADL. 3° 6′ 38″	— 19,″50
DE LA CAILLE	166 44 55		CAILLE 3 6 40	
DE ZACH	166 44 50		BARRY 3 6 34	

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 0 6	+ 17,″88 —		— 7,″73 +	
10	16, 83	1,″05	7, 43	0,″30
20	15, 24	1, 59	6, 90	0, 53
1 0 7	13, 20	2, 04	6, 17	0, 73
10	10, 77	2, 43	5, 27	0, 90
20	7, 99	2, 78	4, 17	1, 10
2 0 8	4, 99	3, 00	2, 99	1, 18
10	+ 1, 82 —	3, 17	1, 76	1, 23
20	— 1, 39 +	3, 21	— 0, 34 +	1, 42
3 0 9	4, 58	3, 19	+ 1, 04 —	1, 38
10	7, 61	3, 03	2, 39	1, 35
20	10, 42	2, 81	3, 64	1, 25
4 0 10	12, 91	2, 49	4, 78	1, 14
10	14, 99	2, 08	5, 78	1, 00
20	16, 63	1, 64	6, 60	0, 82
5 0 11	17, 77	1, 14	7, 22	0, 62
10	18, 38	0, 61	7, 63	0, 41
20	18, 42	0, 04	7, 80	0, 17

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″50 —		+ 2,″19 —	
10	— 2, 36 +	2,″86	3, 30	1,″11
20	5, 16	2, 80	4, 43	1, 13
1 0 7	7, 83	2, 67	5, 36	0, 93
10	10, 20	2, 37	6, 13	0, 77
20	12, 26	2, 06	6, 71	0, 58
2 0 8	13, 98	1, 72	7, 09	0, 38
10	15, 28	1, 30	7, 25	0, 16
20	16, 10	0, 82	7, 19	0, 06
3 0 9	16, 44	0, 34	6, 91	0, 28
10	16, 27	0, 17	6, 44	0, 47
20	15, 62	0, 65	5, 75	0, 69
4 0 10	14, 49	1, 13	4, 99	0, 76
10	12, 91	1, 58	3, 89	1, 10
20	10, 95	1, 96	2, 75	1, 14
5 0 11	8, 65	2, 30	1, 56	1, 19
10	6, 10	2, 55	+ 0, 30 —	1, 26
20	3, 35	2, 75	— 0, 96 +	1, 26

σ Leonis, in posterioribus poplitibus. 4. 5. 77

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	167° 42′ 19″		BRADL. 7° 7′ 26″	
DE LA CAILLE	167 42 24		CAILLE 7 7 33	
TOB. MAYER	167 42 31		T. MAY. 7 7 28	
DE ZACH	167 42 11	+ 46,″57	BARRY 7 7 26	— 19,″58

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″13 —		— 7,″41 +	
10	17, 05	1,″08	6, 89	0,″52
20	15, 51	1, 54	6, 16	0, 73
1 0 7	13, 49	2, 02	5, 22	0, 94
10	11, 08	2, 41	4, 13	1, 09
20	8, 32	2, 76	2, 92	1, 21
2 0 8	5, 32	3, 00	1, 62	1, 30
10	+ 2, 15 —	3, 17	— 0, 27 +	1, 35
20	— 1, 08 +	3, 23	+ 1, 09 —	1, 36
3 0 9	4, 29	3, 21	2, 43	1, 34
10	7, 57	3, 08	3, 68	1, 25
20	10, 21	2, 64	4, 82	1, 14
4 0 10	12, 75	2, 54	5, 82	1, 00
10	14, 90	2, 15	6, 63	0, 81
20	16, 59	1, 69	7, 25	0, 62
5 0 11	17, 79	1, 20	7, 64	0, 39
10	18, 45	0, 66	7, 81	0, 17
20	18, 54	0, 09	7, 73	0, 08

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″16 —		+ 2,″05 —	
10	— 1, 73 +	2,″89	3, 23	1,″18
20	4, 57	2, 84	4, 30	1, 07
1 0 7	7, 26	2, 69	5, 24	0, 94
10	9, 74	2, 48	6, 03	0, 79
20	11, 92	2, 18	6, 63	0, 60
2 0 8	13, 74	1, 82	7, 03	0, 40
10	15, 15	1, 41	7, 22	0, 19
20	16, 08	0, 93	7, 19	0, 03
3 0 9	16, 54	0, 46	6, 94	0, 25
10	16, 48	0, 06	6, 49	0, 45
20	15, 95	0, 53	5, 82	0, 67
4 0 10	14, 91	1, 04	4, 98	0, 84
10	13, 41	1, 50	4, 00	0, 98
20	11, 52	1, 89	2, 88	1, 12
5 0 11	9, 27	2, 25	1, 69	1, 19
10	6, 76	2, 51	+ 0, 45 —	1, 24
20	4, 02	2, 74	— 0, 81 +	1, 26

ι Leonis, in posterioribus femoribus. 4. 78

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	168° 22′ 18″		T. MAY. 11°37′49″	
DE ZACH	168 22 16	+ 46,″87	BARRY 11 37 50	— 19,″62

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″34 —		— 7,″06 +	
10	17, 36	0,″98	6, 27	0,″79
20	15, 84	1, 52	5, 29	0, 98
1 0 7	13, 84	2, 00	4, 13	1, 16
10	11, 43	2, 41	2, 88	1, 25
20	8, 66	2, 77	1, 52	1, 36
2 0 8	5, 64	3, 02	— 0, 12 +	1, 40
10	+ 2, 42 —	3, 22	+ 1, 30 —	1, 42
20	— 0, 84 +	3, 26	2, 69	1, 39
3 0 9	4, 09	3, 25	3, 95	1, 26
10	7, 24	3, 15	5, 05	1, 10
20	10, 12	2, 88	6, 13	1, 08
4 0 10	12, 72	2, 60	6, 97	0, 84
10	14, 94	2, 22	7, 57	0, 60
20	16, 68	1, 74	7, 95	0, 38
5 0 11	17, 94	1, 26	8, 10	0, 15
10	18, 64	0, 70	8, 09	0, 01
20	18, 78	0, 14	7, 64	0, 45

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″92 —		+ 1,″91 —	
10	— 1, 00 +	2,″92	3, 12	1,″21
20	3, 90	2, 90	4, 15	1, 03
1 0 7	6, 65	2, 75	5, 15	1, 00
10	9, 25	2, 60	5, 94	0, 79
20	11, 51	2, 26	6, 55	0, 61
2 0 8	13, 46	1, 95	7, 00	0, 45
10	14, 99	1, 53	7, 18	0, 18
20	16, 06	1, 07	7, 18	0, 00
3 0 9	16, 64	0, 58	6, 95	0, 23
10	16, 72	0, 08	6, 53	0, 42
20	16, 30	0, 42	5, 88	0, 65
4 0 10	15, 38	0, 92	5, 05	0, 83
10	13, 98	1, 40	4, 08	0, 97
20	12, 17	1, 81	3, 00	1, 08
5 0 11	9, 98	2, 19	1, 80	1, 20
10	7, 51	2, 47	+ 0, 57 —	1, 23
20	4, 79	2, 72	— 0, 64 +	1, 21

γ Leonis. 5. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Va an De me
BRADLEY	168° 26′ 39″	+ 46,″20	BRADL. 2° 30′ 15″	— 19,″
DE LA CAILLE	168 26 35		CAILLE 2 30 20	
TOB. MAYER	168 26 50		T. MAY. 2 30 18	
DE ZACH	168 26 34		BARRY 2 30 16	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Dif
0 0 6	+ 17,″98 —		— 7,″80 +	
10	17, 03	0,″95	7, 53	0,″
20	15, 54	1, 49	7, 00	0,
1 0 7	13, 59	1, 95	6, 33	0,
10	11, 22	2, 37	5, 42	0,
20	8, 52	2, 70	4, 43	0,
2 0 8	5, 55	2, 97	3, 21	1,
10	+ 2, 40 —	3, 15	1, 87	1,
20	— 0, 79 +	3, 19	— 0, 51 +	1,
3 0 9	3, 97	3, 18	+ 0, 86 —	1,
10	7, 07	3, 10	2, 21	1,
20	9, 90	2, 83	3, 48	1,
4 0 10	12, 44	2, 54	4, 65	1,
10	14, 61	2, 17	5, 69	1,
20	16, 35	1, 74	6, 54	0,
5 0 11	17, 58	1, 23	7, 19	0,
10	18, 27	0, 69	7, 63	0,
20	18, 41	0, 14	7, 83	0,

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Dif
0 0 6	+ 0,″41 —		+ 1,″90 —	
10	— 2, 44 +	2,″85	3, 10	1,″
20	5, 23	2, 79	4, 18	1,
1 0 7	7, 84	2, 61	5, 14	0,
10	10, 23	2, 39	5, 93	0,
20	12, 30	2, 07	6, 57	0,
2 0 8	14, 01	1, 71	6, 99	0,
10	15, 29	1, 28	7, 18	0,
20	16, 09	0, 80	7, 18	0,
3 0 9	16, 41	0, 32	6, 95	0,
10	16, 23	0, 18	6, 54	0,
20	15, 57	0, 66	5, 89	0,
4 0 10	14, 42	1, 15	5, 06	0,
10	12, 83	1, 59	4, 10	0,
20	10, 86	1, 97	3, 01	1,
5 0 11	8, 56	2, 30	1, 82	1,
10	6, 01	2, 55	+ 0, 59 —	1,
20	3, 26	2, 75	— 0, 68 +	1,

81 Leonis. 6. 81

	Ascens. rect. med.	Var. ann. $\mathfrak{R}$. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	168° 47′ 33″		FLAMST 17°32′48″	
DE ZACH	168 47 21	+ 47,″28	BARRY 17 33 19	— 19,″65

Long. ☉	Aberratio in $\mathfrak{R}$.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″87 —		— 6,″51 +	
10	17, 87	1,″00	5, 32	1,″19
20	16, 34	1, 53	4, 10	1, 22
1 0 7	14, 32	2, 02	2, 70	1, 40
10	11, 85	2, 47	— 1, 24 +	1, 46
20	9, 02	2, 83	+ 0, 33 —	1, 57
2 0 8	5, 92	3, 10	1, 84	1, 51
10	+ 2, 61 —	3, 31	5, 30	1, 46
20	— 0, 72 +	3, 33	4, 65	1, 35
3 0 9	4, 07	3, 35	5, 88	1, 23
10	7, 30	3, 23	6, 92	1, 04
20	10, 29	2, 99	7, 76	0, 84
4 0 10	12, 96	2, 67	8, 30	0, 54
10	15, 27	2, 31	8, 69	0, 39
20	17, 07	1, 80	8, 75	0, 06
5 0 11	18, 39	1, 32	8, 58	0, 17
10	19, 13	0, 74	8, 14	0, 44
20	19, 30	0, 17	7, 44	0, 70

Long. ☊	Nutatio in $\mathfrak{R}$.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″95 —		+ 1,″85 —	
10	0, 00	2,″95	3, 05	1,″20
20	— 2, 97 +	2, 97	4, 14	1, 09
1 0 7	5, 83	2, 86	5, 10	0, 96
10	8, 52	2, 69	5, 90	0, 80
20	10, 95	2, 43	6, 54	0, 64
2 0 8	13, 07	2, 12	6, 97	0, 43
10	14, 77	1, 70	7, 18	0, 21
20	16, 02	1, 25	7, 18	0, 00
3 0 9	16, 79	0, 77	6, 96	0, 22
10	17, 05	0, 27	6, 55	0, 41
20	16, 80	0, 25	5, 91	0, 64
4 0 10	16, 02	0, 78	5, 08	0, 83
10	14, 76	1, 26	4, 13	0, 95
20	13, 06	1, 70	3, 05	1, 08
5 0 11	10, 95	2, 11	1, 87	1, 18
10	8, 53	2, 42	+ 0, 64 —	1, 23
20	5, 84	2, 69	— 0, 63 +	1, 27

τ Leonis, auſtralior 24ª (σ) quaſi in cubitis. 4.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Va an De me
BRADLEY	169° 24′ 43″		BRADL. 3°57′23″	
DE LA CAILLE	169 25 4		CAILLE 3 57 28	
TOB. MAYER	169 24 55		T. MAY. 3 57 26	
DE ZACH	169 24 41	+ 46,″28	BARRY 3 57 29	— 19,″

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Diff
0 0 6	+ 18,″07 —		— 7,″80 +	
10	17, 16	0,″91	7, 37	0,″
20	15, 72	1, 44	6, 79	0,
1 0 7	13, 81	1, 91	6, 00	0,
10	11, 48	2, 33	5, 04	0,
20	8, 81	2, 67	3, 92	1,
2 0 8	5, 85	2, 96	2, 67	1,
10	+ 2, 73 —	3, 12	1, 37	1,
20	— 0, 48 +	3, 21	— 0, 01 +	1,
3 0 9	3, 68	3, 20	+ 1, 36 —	1,
10	6, 77	3, 09	2, 69	1,
20	9, 64	2, 87	3, 93	1,
4 0 10	12, 23	2, 59	5, 05	1,
10	14, 45	2, 22	6, 00	0,
20	16, 21	1, 76	6, 78	0,
5 0 11	17, 49	1, 28	7, 37	0,
10	18, 24	0, 75	7, 72	0,
20	18, 43	0, 19	7, 89	0,

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Diff
0 0 6	+ 0,″65 —		+ 1,″75 —	
10	— 2, 22 +	2,″87	2, 94	1,″
20	5, 02	2, 80	4, 04	1,
1 0 7	7, 65	2, 63	5, 01	0,
10	10, 07	2, 42	5, 84	0,
20	12, 17	2, 10	6, 48	0,
2 0 8	13, 91	1, 74	6, 94	0,
10	15, 23	1, 32	7, 15	0,
20	16, 07	0, 84	7, 18	0,
3 0 9	16, 44	0, 37	6, 98	0,
10	16, 30	0, 14	6, 57	0,
20	15, 73	0, 57	5, 96	0,
4 0 10	14, 57	1, 16	5, 15	0,
10	13, 01	1, 56	4, 21	0,
20	11, 07	1, 94	3, 14	1,
5 0 11	8,″78	2, 29	1, 97	1,
10	6, 25	2, 53	+ 0,″74 —	1,
20	3, 49	2, 76	— 0, 53 +	1,

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
BRADLEY	170° 1′ 24″		BRADL. 1°54′ 4″	
TOB. MAYER	170 1 29		T. MAY. 1 54 1	
DE ZACH	170 1 26	+ 45,″90	BARRY 1 54 4	+ 19,″73

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″07 —		+ 8,″07 —	
10	17, 20	0,″87	8, 06	0,″01
20	15, 79	1, 41	7, 81	0, 25
1 0 7	13, 92	1, 87	7, 32	0, 49
10	11, 61	2, 31	6, 60	0, 72
20	8, 96	2, 65	5, 69	0, 91
2 0 8	6, 03	2, 93	4, 58	1, 11
10	+ 2, 92 —	3, 11	3, 36	1, 22
20	— 0, 28 +	3, 20	2, 04	1, 32
3 0 9	3, 47	3, 19	+ 0, 67 —	1, 37
10	6, 56	3, 09	— 0, 75 +	1, 42
20	9, 46	2, 90	2, 16	1, 41
4 0 10	12, 05	2, 59	3, 48	1, 32
10	14, 29	2, 24	4, 71	1, 23
20	16, 08	1, 79	5, 78	1, 07
5 0 11	17, 41	1, 33	6, 67	0, 89
10	18, 17	0, 76	7, 37	0, 70
20	18, 40	0, 23	7, 84	0, 47

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″31 +		+ 1,″46 —	
10	3, 14	2,″83	2, 84	1,″38
20	5, 88	2, 74	3, 95	1, 11
1 0 7	8, 42	2, 54	4, 93	0, 98
10	10, 72	2, 30	5, 76	0, 83
20	12, 69	1, 97	6, 43	0, 67
2 0 8	14, 28	1, 59	6, 89	0, 46
10	15, 44	1, 16	7, 13	0, 24
20	16, 11	0, 67	7, 17	0, 04
3 0 9	16, 31	0, 20	6, 99	0, 18
10	16, 01	0, 30	6, 60	0, 39
20	15, 23	0, 78	6, 01	0, 59
4 0 10	13, 97	1, 26	5, 22	0, 79
10	12, 29	1, 68	4, 29	0, 93
20	10, 24	2, 05	3, 23	1, 06
5 0 11	7, 88	2, 36	2, 06	1, 17
10	5, 29	2, 59	+ 0, 83 —	1, 23
20	2, 53	2, 76	— 0, 42 +	1, 25

89 Leonis. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	171° 2′ 1″		CAILLE 4° 10′ 1″	
DE ZACH	171 1 51	+ 46,″25	BARRY 4 10 4	— 19,″79

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0	0	6	+ 18,″17 —		— 7,″72 +	
	10		17, 34	0,″83	7, 37	0,″35
	20		15, 99	1, 35	6, 79	0, 58
1	0	7	14, 21	1, 78	6, 00	0, 79
	10		11, 90	2, 31	5, 04	0, 96
	20		9, 27	2, 63	3, 90	1, 14
2	0	8	6, 37	2, 90	2, 65	1, 25
	10		3, 27	3, 10	— 1, 31 +	1, 34
	20		+ 0, 06 —	3, 21	+ 0, 06 —	1, 37
3	0	9	— 3, 13 +	3, 19	1, 43	1, 37
	10		6, 24	3, 11	2, 74	1, 31
	20		9, 17	2, 93	3, 96	1, 22
4	0	10	11, 81	2, 64	5, 04	1, 08
	10		14, 08	2, 27	6, 05	1, 01
	20		15, 90	1, 82	6, 81	0, 76
5	0	11	17, 31	1, 41	7, 41	0, 60
	10		18, 15	0, 84	7, 75	0, 34
	20		18, 44	0, 29	7, 89	0, 14

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☊	0	6	+ 0,″69 —		+ 1,″49 —	
	10		— 2, 18 +	2,″87	2, 68	1,″19
	20		4, 98	2, 80	3, 81	1, 13
1	0	7	7, 62	2, 64	4, 80	0, 99
	10		10, 04	2, 42	5, 65	0, 85
	20		12, 14	2, 10	6, 34	0, 69
2	0	8	13, 89	1, 75	6, 82	0, 48
	10		15, 21	1, 32	7, 09	0, 27
	20		16, 06	0, 85	7, 16	0, 07
3	0	9	16, 43	0, 37	7, 01	0, 15
	10		16, 30	0, 13	6, 65	0, 36
	20		15, 68	0, 62	6, 09	0, 56
4	0	10	14, 57	1, 11	5, 31	0, 78
	10		13, 02	1, 55	4, 41	0, 90
	20		11, 09	1, 93	3, 37	1, 04
5	0	11	8, 81	2, 28	2, 21	1, 16
	10		6, 27	2, 54	+ 0, 99 —	1, 22
	20		3, 53	2, 74	— 0, 25 +	1, 24

υ Leonis, in volis pedum posteriorum 4 91

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	171° 40′ 38″	+ 46,″03	BRADL. 0°16′45″	— 19,″83
TOB. MAYER	171 40 47		T. MAY. 0 16 45	
DE ZACH	171 40 35		BARRY 0 16 51	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″15 —		— 7,″95 +	
10	17, 38	0,″77	7, 82	0,″13
20	16, 06	1, 32	7, 44	0, 38
1 0 7	14, 29	1, 77	6, 86	0, 58
10	12, 06	2, 23	6, 03	0, 83
20	9, 46	2, 60	5, 03	1, 00
2 0 8	6, 59	2, 87	3, 87	1, 16
10	3, 50	3, 09	2, 63	1, 24
20	+ 0, 32 —	3, 18	— 1, 28 +	1, 35
3 0 9	— 2, 88 +	3, 20	+ 0, 10 —	1, 38
10	5, 99	3, 11	1, 48	1, 38
20	8, 92	2, 93	2, 81	1, 33
4 0 10	11, 58	2, 66	4, 08	1, 27
10	13, 87	2, 29	5, 18	1, 10
20	15, 77	1, 90	6, 15	0, 97
5 0 11	17, 17	1, 40	6, 95	0, 80
10	18, 04	0, 87	7, 50	0, 55
20	18, 37	0, 33	7, 84	0, 34

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″05 —		+ 1,″39 —	
10	— 2, 80 +	2,″85	2, 58	1,″19
20	5, 56	2, 76	3, 71	1, 13
1 0 7	8, 13	2, 57	4, 71	1, 00
10	10, 48	2, 35	5, 58	0, 87
20	12, 49	2, 01	6, 28	0, 70
2 0 8	14, 14	1, 65	6, 78	0, 50
10	15, 36	1, 22	7, 06	0, 28
20	16, 10	0, 74	7, 16	0, 10
3 0 9	16, 35	0, 25	7, 03	0, 13
10	16, 11	0, 24	6, 68	0, 35
20	15, 39	0, 72	6, 14	0, 54
4 0 10	14, 19	1, 20	5, 38	0, 76
10	12, 55	1, 64	4, 50	0, 88
20	10, 55	2, 00	3, 46	1, 04
5 0 11	8, 21	2, 34	2, 31	1, 15
10	5, 65	2, 56	+ 1, 09 —	1, 22
20	2, 89	2, 76	— 0, 15 +	1, 24

93 Leonis. 4. 93

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	174° 24′ 58″		FLAMST 21° 19′ 25″	
DE ZACH	174 24 44	+ 46,″81	BARRY 21 19 46	— 19,″95

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 19,″61 —		— 6,″77 +	
10	18, 95	0,″66	5, 34	1,″43
20	17, 68	1, 27	3, 74	1, 60
		1, 75		1, 70
1 0 7	15, 93		2, 04	
10	13, 68	2, 25	— 0, 31 +	1, 73
20	10, 98	2, 70	+ 1, 37 —	1, 68
		3, 00		1, 57
2 0 8	7, 98		2, 94	
10	4, 72	3, 26	4, 48	1, 54
20	+ 1, 33 —	3, 39	5, 95	1, 47
		3, 43		1, 28
3 0 9	— 2, 10 +		7, 23	
10	5, 46	3, 36	8, 30	1, 07
20	8, 67	3, 21	9, 11	0, 81
		2, 96		0, 50
4 0 10	11, 63		9, 61	
10	14, 22	2, 59	10, 09	0, 48
20	16, 37	2, 15	10, 00	0, 09
		1, 65		0, 41
5 0 11	18, 02		9, 59	
10	19, 13	1, 11	8, 89	0, 70
20	19, 67	0, 54	7, 88	1, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″70 —		+ 0,″93 —	
10	+ 0, 76 —	2,″94	2, 14	1,″21
20	— 2, 23 +	2, 99	3, 29	1, 15
		2, 86		1, 05
1 0 7	5, 09		4, 34	
10	7, 84	2, 75	5, 26	0, 92
20	10, 39	2, 55	6, 01	0, 75
		2, 15		0, 57
2 0 8	12, 54		6, 58	
10	14, 36	1, 82	6, 95	0, 37
20	15, 78	1, 42	7, 12	0, 17
		0, 84		0, 04
3 0 9	16, 62		7, 08	
10	17, 01	0, 39	6, 80	0, 28
20	16, 89	0, 12	6, 32	0, 48
		0, 64		0, 68
4 0 10	16, 25		5, 64	
10	15, 11	1, 14	4, 81	0, 83
20	13, 51	1, 60	3, 83	0, 98
		2, 00		1, 11
5 0 11	11, 51		2, 72	
10	9, 17	2, 34	1, 53	1, 19
20	6, 54	2, 63	0, 30	1, 23

β Leonis, in extremitate caudæ. 1. 2. 94

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	174° 43′ 2″	+	BRADL. 15° 41′ 28″	—
DE LA CAILLE	174 43 5	46,″55	CAILLE 15 41 32	19,″96
TOB. MAYER	174 43 8		T. MAY. 15 41 28	
MASKELYNE	174 42 58		MASKEL. 15 41 27	
			BARRY 15 41 28	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 18,″29 —		— 7,″22 +	
10	17, 70	0,″59	6, 16	1,″06
20	16, 65	1, 05	4, 99	1, 17
1 0 7	14, 92	1, 73	3, 56	1, 43
10	12, 84	2, 08	2, 06	1, 50
20	10, 35	2, 49	— 0, 50 +	1, 56
2 0 8	7, 74	2, 61	+ 1, 06 —	1, 56
10	4, 52	3, 22	2, 60	1, 54
20	+ 1, 35 —	3, 17	4, 05	1, 45
3 0 9	— 1, 84 +	3, 19	5, 38	1, 33
10	5, 00	3, 16	6, 56	1, 18
20	7, 98	2, 98	7, 52	0, 96
4 0 10	10, 74	2, 76	8, 28	0, 76
10	13, 18	2, 44	8, 76	0, 48
20	15, 20	2, 02	8, 97	0, 21
5 0 11	16, 77	1, 57	8, 95	0, 02
10	17, 81	1, 04	8, 61	0, 34
20	18, 32	0, 51	8, 04	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 2,″67 —		+ 0,″89 —	
10	— 0, 25 +	2,″92	2, 10	1,″21
20	3, 16	2, 91	3, 25	1, 15
1 0 7	5, 95	2, 79	4, 30	1, 05
10	8, 58	2, 63	5, 23	0, 93
20	10, 95	2, 37	5, 99	0, 76
2 0 8	12, 98	2, 03	6, 57	0, 58
10	14, 53	1, 55	6, 94	0, 37
20	15, 82	1, 29	7, 12	0, 18
3 0 9	16, 53	0, 71	7, 09	0, 03
10	16, 75	0, 22	6, 81	0, 28
20	16, 46	0, 29	6, 34	0, 47
4 0 10	15, 65	0, 81	5, 67	0, 67
10	14, 38	1, 27	4, 84	0, 83
20	12, 67	1, 71	3, 87	0, 97
5 0 11	10, 57	2, 10	2, 76	1, 11
10	8, 17	2, 40	1, 57	1, 19
20	5, 50	2, 67	0, 34	1, 23

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	176° 20′ 22″		FLAMST 16°45′12″	
DE ZACH	176 20 35	+ 46,″43	BARRY 16 45 34	— 20,″00

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0	0	6	+ 19,″15 —		— 7,″19 +	
	10		18, 61	0,″54	6, 14	1,″05
	20		17, 52	1, 09	4, 83	1, 31
1	0	7	15, 89	1, 63	3, 42	1, 41
	10		13, 79	2, 10	1, 88	1, 54
	20		11, 27	2, 52	— 0, 29 +	1, 59
2	0	8	8, 40	2, 87	+ 1, 32 —	1, 61
	10		5, 28	3, 12	2, 87	1, 55
	20		+ 1, 99 —	3, 29	4, 32	1, 45
3	0	9	— 1, 36 +	3, 35	5, 66	1, 34
	10		4, 65	3, 29	6, 83	1, 17
	20		7, 82	3, 17	7, 79	0, 96
4	0	10	10, 74	2, 92	8, 40	0, 61
	10		13, 34	2, 60	8, 97	0, 57
	20		15, 53	2, 19	9, 16	0, 19
5	0	11	17, 25	1, 72	9, 08	0, 08
	10		18, 45	1, 20	8, 72	0, 36
	20		19, 08	0, 63	8, 11	0, 61

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0	0	6	+ 2,″90 —		+ 0,″61 —	
	10		— 0, 01 +	2,″91	1, 82	1,″21
	20		2, 92	2, 91	3, 00	1, 18
1	0	7	5, 73	2, 81	4, 08	1, 08
	10		8, 37	2, 64	5, 02	0, 94
	20		10, 76	2, 39	5, 82	0, 80
2	0	8	12, 83	2, 07	6, 25	0, 43
	10		14, 51	1, 68	6, 86	0, 61
	20		15, 73	1, 22	7, 09	0, 23
3	0	9	16, 48	0, 75	7, 09	0, 00
	10		16, 74	0, 26	6, 88	0, 21
	20		16, 49	0, 25	6, 44	0, 44
4	0	10	15, 73	0, 76	5, 81	0, 63
	10		14, 49	1, 24	5, 02	0, 79
	20		12, 82	1, 67	4, 09	0, 93
5	0	11	10, 75	2, 07	3, 02	1, 07
	10		8, 38	2, 37	1, 84	1, 18
	20		5, 72	2, 66	0, 61	1, 23

ω Virginis. 6. 1

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	172° 2′ 12″	+ 46,″48	CAILLE 9° 14′ 25″	— 19.″85
TOB. MAYER	172 2 13		T. MAY. 9 14 28	
DE ZACH	172 2 1		BARRY 9 14 33	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″41 —		— 7,″45 +	
10	17, 54	0,″87	6, 79	0,″66
20	16, 32	1, 22	5, 89	0, 90
1 0 7	14, 49	1, 83	4, 87	1, 02
10	12, 29	2, 20	3, 68	1, 19
20	9, 68	2, 61	2, 36	1, 32
2 0 8	6, 77	2, 91	— 0, 98 +	1, 38
10	3, 65	3, 12	+ 0, 43 —	1, 41
20	+ 0, 43 —	3, 22	1, 83	1, 40
3 0 9	— 2, 82 +	3, 25	3, 18	1, 35
10	5, 98	3, 16	4, 43	1, 25
20	8, 95	2, 97	5, 54	1, 11
4 0 10	11, 65	2, 70	6, 48	0, 94
10	13, 99	2, 34	7, 23	0, 75
20	15, 92	1, 93	7, 77	0, 54
5 0 11	17, 36	1, 44	8, 04	0, 27
10	18, 26	0, 90	8, 09	0, 05
20	18, 61	0, 35	7, 88	0, 21

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″53 —		+ 1,″32 —	
10	— 1, 36 +	2,″89	2, 61	1,″29
20	4, 21	2, 85	3, 66	1, 05
1 0 7	6, 95	2, 74	4, 66	1, 00
10	9, 43	2, 48	5, 53	0, 87
20	11, 66	2, 23	6, 24	0, 71
2 0 8	13, 53	1, 87	6, 76	0, 52
10	15, 00	1, 47	7, 05	0, 29
20	16, 00	1, 00	7, 16	0, 11
3 0 9	16, 51	0, 51	7, 03	0, 13
10	16, 52	0, 01	6, 70	0, 33
20	16, 05	0, 47	6, 16	0, 54
4 0 10	15, 07	0, 98	5, 41	0, 75
10	13, 63	1, 44	4, 53	0, 88
20	11, 82	1, 81	3, 51	1, 02
5 0 11	9, 58	2, 24	2, 37	1, 14
10	7, 10	2, 48	+ 1, 15 —	1, 22
20	4, 38	2, 72	— 0, 09 +	1, 24

ξ^{1} Virginis, duarum in ſummo cranio borea. 5. 2

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	173° 44′ 31″		BRADL. 9° 22′ 9″	
DE LA CAILLE	173 44 34		CAILLE 9 22 11	
TOB. MAYER	173 44 34		T. MAY. 9 22 10	
DE ZACH	173 44 26		BARRY 9 22 17	
		+ 46,″39	L. LAND. 9 22 10	19,″92

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″49 —		— 7,″54 +	
10	17, 82	0,″67	6, 86	0,″68
20	16, 59	1, 23	5, 97	0, 89
1 0 7	14, 90	1, 69	4, 91	1, 06
10	12, 73	2, 17	3, 70	1, 21
20	10, 17	2, 56	2, 37	1, 33
2 0 8	7, 31	2, 86	— 0, 97 +	1, 40
10	4, 22	3, 09	+ 0, 47 —	1, 44
20	+ 1, 02 —	3, 20	1, 88	1, 41
3 0 9	— 2, 23 +	3, 25	3, 23	1, 35
10	5, 40	3, 17	4, 48	1, 25
20	8, 41	3, 01	5, 60	1, 12
4 0 10	11, 18	2, 77	6, 56	0, 96
10	13, 59	2, 41	7, 32	0, 76
20	15, 60	2, 01	7, 86	0, 54
5 0 11	17, 13	1, 53	8, 14	0, 28
10	18, 12	0, 99	8, 18	0, 04
20	18, 59	0, 47	7, 98	0, 20

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″56 —		+ 1,″05 —	
10	— 1, 32 +	2,″88	2, 26	1,″21
20	4, 17	2, 85	3, 41	1, 15
1 0 7	6, 98	2, 81	4, 45	1, 04
10	9, 39	2, 41	5, 35	0, 90
20	11, 51	2, 12	6, 08	0, 73
2 0 8	13, 49	1, 98	6, 64	0, 56
10	14, 96	1, 47	6, 99	0, 35
20	15, 95	0, 99	7, 13	0, 14
3 0 9	16, 48	0, 53	7, 07	0, 06
10	16, 52	0, 04	6, 77	0, 30
20	16, 05	0, 47	6, 28	0, 49
4 0 10	15, 05	1, 00	5, 57	0, 71
10	13, 62	1, 43	4, 73	0, 84
20	11, 79	1, 83	3, 73	1, 00
5 0 11	9, 59	2, 20	2, 61	1, 12
10	7, 11	2, 48	1, 41	1, 20
20	4, 40	2, 71	0, 17	1, 24

ν Virginis, duarum in ſummo cranio auſtrina. 5. 3

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	173° 53′ 34″	+ 46,″31	BRADL. 7° 39′ 8″	— 19,″9
DE LA CAILLE	173 53 52		CAILLE 7 39 9	
TOB. MAYER	173 53 48		T. MAY. 7 39 7	
DE ZACH	173 53 31		BARRY 7 39 6	
			L. LAND. 7 39 8	

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 0 6	+ 18,″41 —		— 7,″64 +	
10	17, 74	0,″67	7, 02	0,″62
20	16, 55	1, 19	6, 28	0, 74
1 0 7	14, 87	1, 68	5, 30	0, 98
10	12, 73	2, 14	4, 15	1, 15
20	10, 19	2, 54	2, 89	1, 26
2 0 8	7, 35	2, 84	1, 54	1, 35
10	4, 28	3, 07	— 0, 14 +	1, 40
20	+ 1, 09 —	3, 19	+ 1, 27 —	1, 41
3 0 9	— 2, 16 +	3, 25	2, 65	1, 38
10	5, 30	3, 14	3, 94	1, 29
20	8, 30	3, 00	5, 11	1, 17
4 0 10	11, 08	2, 78	6, 12	1, 01
10	13, 47	2, 39	6, 94	0, 82
20	15, 48	2, 01	7, 55	0, 61
5 0 11	17, 03	1, 55	7, 95	0, 40
10	18, 02	0, 99	8, 09	0, 14
20	18, 51	0, 49	7, 98	0, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″27 —		+ 0,″73 —	
10	— 1, 60 +	2,″87	2, 23	1,″50
20	4, 44	2, 84	3, 38	1, 15
1 0 7	7, 12	2, 68	4, 42	1, 04
10	9, 60	2, 48	5, 33	0, 91
20	11, 78	2, 18	6, 06	0, 73
2 0 8	13, 61	1, 83	6, 62	0, 56
10	15, 03	1, 42	6, 98	0, 36
20	15, 99	0, 96	7, 13	0, 15
3 0 9	16, 45	0, 46	7, 07	0, 06
10	16, 42	0, 03	6, 78	0, 29
20	15, 90	0, 52	6, 30	0, 48
4 0 10	14, 89	1, 01	5, 59	0, 71
10	13, 42	1, 47	4, 75	0, 84
20	11, 55	1, 87	3, 75	1, 00
5 0 11	9, 30	2, 25	2, 64	1, 11
10	6, 83	2, 47	1, 44	1, 20
20	4, 11	2, 72	0, 21	1, 23

β Virginis, in ſumma ala auſtr. & ſiniſtra. 3. 5

	Ascens. rect. med.	Var. ann. Æ. med.
BRADLEY	175° 3′ 38″	+ 46,″11
DE LA CAILLE	175 3 29	
TOB. MAYER	175 3 48	
MASKELYNE	175 4 29	

	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	2° 53′ 43″	— 19,″97
CAILLE	2 53 47	
T. MAYER	2 53 37	
MASKEL.	2 53 37	
BARRY	2 53 25	
LA LANDE	2 53 40	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″30 —		— 7,″88 +	
10	17, 72	0,″58	7, 59	0,″29
20	16, 60	1, 12	7, 07	0, 52
1 0 7	14, 98	1, 62	6, 32	0, 75
10	12, 91	2, 07	5, 41	0, 91
20	10, 43	2, 48	4, 30	1, 11
2 0 8	7, 63	2, 80	3, 07	1, 23
10	4, 62	3, 01	1, 76	1, 31
20	+ 1, 45 —	3, 17	— 0, 39 +	1, 37
3 0 9	— 1, 74 +	3, 19	+ 1, 00 —	1, 39
10	4, 90	3, 16	2, 36	1, 36
20	7, 89	2, 99	3, 64	1, 28
4 0 10	10, 66	2, 77	4, 81	1, 17
10	13, 10	2, 44	5, 81	1, 00
20	15, 15	2, 05	6, 69	0, 88
5 0 11	16, 73	1, 58	7, 32	0, 63
10	17, 79	1, 06	7, 75	0, 43
20	18, 32	0, 53	7, 93	0, 18

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″48 —		+ 0,″83 —	
10	— 2, 37 +	2,″85	2, 04	1,″21
20	5, 16	2, 79	3, 08	1, 04
1 0 7	7, 77	2, 61	4, 25	1, 17
10	10, 16	2, 39	5, 18	0, 93
20	12, 24	2, 08	5, 88	0, 70
2 0 8	13, 95	1, 71	6, 54	0, 66
10	15, 23	1, 28	6, 92	0, 38
20	16, 05	0, 82	7, 09	0, 17
3 0 9	16, 38	0, 33	7, 08	0, 01
10	16, 24	0, 14	6, 82	0, 26
20	15, 56	0, 68	6, 41	0, 41
4 0 10	14, 43	1, 13	5, 70	0, 71
10	12, 85	1, 58	4, 88	0, 82
20	10, 90	1, 95	3, 91	0, 97
5 0 11	8, 60	2, 30	2, 82	1, 09
10	6, 06	2, 54	1, 63	1, 19
20	3, 32	2, 74	0, 40	1, 23

2 *A* Virginis. 6. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	176° 11′ 50″	+ 46,″25	CAILLE 9° 33′ 24″	— 20,″00
TOB. MAYER	176 11 46		T. MAY. 9 33 20	
DE ZACH	176 11 44		BARRY 9 33 29	
			L. LAND. 9 33 26	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″58 —		— 7,″65 +	
10	18, 04	0,″54	6, 97	0,″68
20	16, 99	1, 05	6, 06	0, 91
1 0 7	15, 39	1, 60	4, 98	1, 08
10	13, 36	2, 03	3, 74	1, 24
20	10, 91	2, 45	2, 39	1, 35
2 0 8	8, 11	2, 80	— 0, 97 +	1, 42
10	5, 09	3, 02	+ 0, 49 —	1, 46
20	+ 1, 89 —	3, 20	1, 92	1, 43
3 0 9	— 1, 35 +	3, 24	3, 31	1, 39
10	4, 54	3, 19	4, 59	1, 28
20	7, 62	3, 08	5, 73	1, 14
4 0 10	10, 43	2, 81	6, 70	0, 97
10	12, 97	2, 54	7, 45	0, 75
20	15, 08	2, 11	7, 99	0, 54
5 0 11	16, 75	1, 67	8, 29	0, 30
10	17, 91	1, 16	8, 32	0, 03
20	18, 51	0, 60	8, 11	0, 21

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″60 —		+ 0,″64 —	
10	— 1, 28 +	2,″88	1, 84	1,″20
20	4, 12	2, 84	3, 02	1, 18
1 0 7	6, 82	2, 70	4, 10	1, 08
10	9, 33	2, 51	5, 04	0, 94
20	11, 55	2, 22	5, 84	0, 80
2 0 8	13, 43	1, 88	6, 46	0, 62
10	14, 90	1, 47	6, 86	0, 40
20	15, 99	1, 09	7, 09	0, 23
3 0 9	16, 43	0, 44	7, 09	0, 00
10	16, 45	0, 02	6, 87	0, 22
20	15, 99	0, 46	6, 44	0, 43
4 0 10	15, 03	0, 96	5, 80	0, 64
10	13, 61	1, 42	5, 01	0, 79
20	11, 79	1, 82	4, 07	0, 94
5 0 11	9, 60	2, 19	3, 00	1, 07
10	7, 13	2, 47	1, 81	1, 19
20	4, 43	2, 70	0, 59	1, 22

b Virginis. 5. 6. 7

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	177° 25′ 41″	+ 46,″70	CAILLE 4° 46′ 18″	— 20,″02
TOB. MAYER	177 25 43		T. MAY. 4 46 12	
DE ZACH	177 25 33		L. LAND. 4 46 13	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″39 —		— 7,″87 +	
10	17, 95	0,″44	7, 47	0,″40
20	16, 96	0, 99	6, 84	0, 63
		1, 50		0, 86
1 0 7	15, 46		5, 98	
10	13, 50	1, 96	4, 96	1, 02
20	11, 12	2, 38	3, 79	1, 17
		2, 72		1, 30
2 0 8	8, 40		2, 49	
10	5, 44	2, 96	— 1, 13 +	1, 36
20	+ 2, 29 —	3, 15	+ 0, 26 —	1, 39
		3, 21		1, 40
3 0 9	— 0, 92 +		1, 66	
10	4, 09	3, 17	3, 00	1, 34
20	7, 15	3, 06	4, 24	1, 24
		2, 83		1, 12
4 0 10	9, 98		5, 36	
10	12, 52	2, 54	6, 32	0, 96
20	14, 67	2, 15	7, 09	0, 77
		1, 71		0, 55
5 0 11	16, 38		7, 64	
10	17, 60	1, 22	7, 97	0, 33
20	18, 27	0, 67	8, 04	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″79 —		+ 0,″44 —	
10	— 2, 06 +	2,″85	1, 65	1,″21
20	4, 86	2, 80	2, 84	1, 19
		2, 64		1, 09
1 0 7	7, 50		3, 93	
10	9, 92	2, 42	4, 89	0, 96
20	12, 03	2, 11	5, 72	0, 83
		1, 76		0, 65
2 0 8	13, 79		6, 37	
10	15, 12	1, 33	6, 81	0, 44
20	15, 99	0, 87	7, 06	0, 25
		0, 39		0, 04
3 0 9	16, 38		7, 10	
10	16, 26	0, 12	6, 91	0, 19
20	15, 67	0, 59	6, 51	0, 40
		1, 09		0, 60
4 0 10	14, 58		5, 91	
10	13, 05	1, 53	5, 14	0, 77
20	11, 14	1, 91	4, 22	0, 92
		2, 27		1, 05
5 0 11	8, 87		3, 17	
10	6, 36	2, 51	2, 00	1, 17
20	3, 63	2, 73	0, 78	1, 22

π Virginis, duarum in vultu auſtrina. 5. 8

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	177° 39′ 14″	+ 46,″14	BRADL. 7° 43′ 48″	— 20,″03
DE LA CAILLE	177 39 26		CAILLE 7 43 55	
TOB. MAYER	177 39 22		T. MAY. 7 43 50	
DE ZACH	177 39 15		BARRY 7 43 49	
			L. LAND. 7 43 53	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″51 —		— 7,″88 +	
10	18, 08	0,″43	7, 22	0,″66
20	17, 11	0, 97	6, 42	0, 80
1 0 7	15, 63	1, 48	5, 41	1, 01
10	13, 65	1, 98	4, 26	1, 15
20	11, 27	2, 38	2, 96	1, 30
2 0 8	8, 55	2, 72	1, 57	1, 39
10	5, 58	2, 97	— 0, 14 +	1, 43
20	+ 2, 42 —	3, 16	+ 1, 29 —	1, 43
3 0 9	— 0, 81 +	3, 23	2, 68	1, 39
10	4, 03	3, 22	3, 99	1, 31
20	7, 09	3, 06	5, 19	1, 20
4 0 10	9, 94	2, 85	6, 22	1, 03
10	12, 50	2, 56	7, 07	0, 85
20	14, 69	2, 19	7, 70	0, 63
5 0 11	16, 42	1, 73	8, 09	0, 39
10	17, 66	1, 24	8, 25	0, 16
20	18, 36	0, 70	8, 14	0, 11

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″29 —		+ 0,″38 —	
10	— 1, 57 +	2,″86	1, 60	1,″22
20	4, 40	2, 83	2, 78	1, 18
1 0 7	7, 07	2, 67	3, 88	1, 10
10	9, 55	2, 48	4, 85	0, 97
20	11, 72	2, 17	5, 68	0, 83
2 0 8	13, 55	1, 83	6, 33	0, 65
10	14, 86	1, 31	6, 78	0, 45
20	15, 91	1, 05	7, 05	0, 27
3 0 9	16, 39	0, 48	7, 11	0, 06
10	16, 36	0, 03	6, 92	0, 19
20	15, 85	0, 51	6, 53	0, 39
4 0 10	14, 84	1, 01	5, 94	0, 59
10	13, 38	1, 46	5, 18	0, 75
20	11, 52	1, 86	4, 28	0, 91
5 0 11	9, 31	2, 21	3, 22	1, 06
10	6, 83	2, 48	2, 06	1, 16
20	4, 13	2, 70	0, 86	1, 20

o Virginis, duarum in vultu borea. 5.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	V a D m
DE LA CAILLE.	178° 45′ 29″	+ 46,″10	CAILLE 9° 50′ 45″	20,
TOB. MAYER	178 45 32		T. MAY. 9 50 39	
DE ZACH	178 45 11		BARRY 9 50 47	
			L. LAND. 9 50 42	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Di
0 0 6	+ 18,″61 —		— 7,″78 +	
10	18, 25	0,″36	7, 08	0,
20	17, 34	0, 91	6, 15	0,
1 0 7	15, 89	1, 45	5, 04	1,
10	13, 97	1, 92	3, 77	1,
20	11, 62	2, 35	2, 38	1,
2 0 8	8, 91	2, 71	— 0, 93 +	1,
10	5, 95	2, 96	+ 0, 55 —	1,
20	+ 2, 79 —	3, 16	2, 02	1,
3 0 9	— 0, 44 +	3, 23	3, 42	1,
10	3, 69	3, 25	4, 71	1,
20	6, 81	3, 12	5, 87	1,
4 0 10	9, 70	2, 89	6, 84	0,
10	12, 32	2, 62	7, 61	0,
20	14, 57	2, 25	8, 15	0,
5 0 11	16, 34	1, 77	8, 45	0,
10	17, 65	1, 31	8, 48	0,
20	18, 40	0, 75	8, 25	0,

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Di
0 0 6	+ 1,″65 —		+ 0,″24 —	
10	— 1, 12 +	2,″77	1, 46	1,
20	4, 05	2, 93	2, 64	1,
1 0 7	6, 75	2, 70	3, 76	1,
10	9, 26	2, 51	4, 75	0,
20	11, 48	2, 22	5, 59	0,
2 0 8	13, 36	1, 88	6, 27	0,
10	14, 83	1, 47	6, 75	0,
20	15, 84	1, 01	7, 03	0,
3 0 9	16, 38	0, 54	7, 11	0,
10	16, 42	0, 04	6, 95	0,
20	15, 96	0, 46	6, 60	0,
4 0 10	15, 01	0, 95	6, 02	0,
10	13, 60	1, 41	5, 28	0,
20	11, 79	1, 81	4, 39	0,
5 0 11	9, 62	2, 17	3, 35	1,
10	7, 17	2, 45	2, 19	1,
20	4, 48	2, 69	1, 01	1,

s Virginis. 5. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	179° 58′ 3″	+ 46,″03	CAILLE 6°55′15″	— 20.″05
TOB. MAYER	179 58 2		T. MAY. 6 55 9	
DE ZACH	179 57 50		BARRY 6 55 13	
			L. LAND. 6 55 14	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″47 —		— 7,″91 +	
10	18, 19	0,″28	7, 40	0,″51
20	17, 25	0, 94	6, 64	0, 76
1 0 7	16, 00	1, 25	5, 60	1, 00
10	14, 16	1, 84	4, 48	1, 12
20	11, 88	2, 28	3, 21	1, 27
2 0 8	9, 25	2, 63	1, 93	1, 28
10	6, 33	2, 92	— 0, 44 +	1, 49
20	3, 21	3, 12	+ 1, 00 —	1, 44
3 0 9	+ 0, 00 —	3, 21	2, 44	1, 44
10	— 3, 21 +	3, 21	3, 74	1, 30
20	6, 33	3, 12	4, 93	1, 19
4 0 10	9, 25	2, 92	6, 03	1, 10
10	11, 88	2, 63	6, 94	0, 91
20	14, 16	2, 28	7, 62	0, 68
5 0 11	16, 00	1, 84	8, 12	0, 50
10	17, 37	1, 37	8, 33	0, 21
20	18, 21	0, 84	8, 21	0, 12

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☊ 0 6	+ 1,″16 —		+ 0,″00 —	
10	— 1, 70 +	2,″86	1, 23	1,″23
20	4, 51	2, 81	2, 42	1, 19
1 0 7	7, 17	2, 66	3, 55	1, 13
10	9, 62	2, 45	4, 57	1, 02
20	11, 78	2, 16	5, 44	0, 87
2 0 8	13, 58	1, 80	6, 15	0, 71
10	14, 97	1, 39	6, 67	0, 52
20	15, 90	0, 93	6, 99	0, 32
3 0 9	16, 35	0, 45	7, 10	0, 11
10	16, 30	0, 05	6, 99	0, 11
20	15, 77	0, 53	6, 67	0, 32
4 0 10	14, 74	1, 03	6, 14	0, 53
10	13, 26	1, 48	5, 44	0, 70
20	11, 40	1, 86	4, 57	0, 87
5 0 11	9, 17	2, 23	3, 55	1, 02
10	6, 69	2, 48	2, 42	1, 13
20	3, 98	2, 71	1, 23	1, 19

t Virginis. 6. 7. 12

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	180° 49′ 20″	+ 45,″97	FLAMST 11°21′50″	— 20,″04
DE ZACH	180 48 34		BARRY 11 22 35	
			L.LAND. 11 22 40	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″71 —		— 7,″85 +	
10	18, 47	0,″24	7, 06	0,″79
20	17, 67	0, 80	6, 04	1, 02
		1, 32		1, 21
1 0 7	16, 35		4, 83	
10	14, 53	1, 82	3, 51	1, 32
20	12, 25	2, 28	2, 05	1, 46
		2, 65		1, 51
2 0 8	9, 60		— 0, 54 +	
10	6, 67	2, 93	+ 0, 98 —	1, 52
20	3, 53	3, 14	2, 50	1, 52
		3, 24		1, 42
3 0 9	+ 0, 29 —		3, 92	
10	— 2, 88 +	3, 17	5, 22	1, 30
20	5, 99	3, 11	6, 35	1, 13
		3, 03		0, 97
4 0 10	9, 02		7, 32	
10	11, 84	2, 82	8, 04	0, 72
20	14, 15	2, 31	8, 53	0, 49
		1, 91		0, 23
5 0 11	16, 06		8, 76	
10	17, 48	1, 42	8, 74	0, 02
20	18, 38	0, 90	8, 41	0, 33

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″92 —		— 0,″13 +	
10	— 0, 95 +	2,″87	+ 1, 11 —	1,″24
20	3, 79	2, 84	2, 30	1, 19
		2, 71		1, 14
1 0 7	6, 50		3, 44	
10	9, 03	2, 53	4, 47	1, 03
20	11, 27	2, 24	5, 35	0, 88
		1, 92		0, 73
2 0 8	13, 19		6, 08	
10	14, 69	1, 50	6, 62	0, 54
20	15, 75	1, 06	6, 96	0, 34
		0, 58		0, 14
3 0 9	16, 33		7, 10	
10	16, 41	0, 08	7, 02	0, 08
20	16, 01	0, 40	6, 71	0, 31
		0, 91		0, 49
4 0 10	15, 10		6, 22	
10	13, 74	1, 36	5, 53	0, 69
20	11, 96	1, 78	4, 66	0, 87
		2, 14		1, 00
5 0 11	9, 82		3, 66	
10	7, 40	2, 42	2, 54	1, 12
20	4, 72	2, 68	1, 37	1, 17

η Virginis, de quatuor in ſiniſtra ala præcedens. 4. 15

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	182° 25′ 13″		BRADL. 0°26′46″	
DE LA CAILLE	182 25 10		CAILLE 0 26 55	
TOB. MAYER	182 25 22		T. MAY. 0 26 47	
DE LAMBRE	182 25 5		L.LAND. 0 26 54	
DE ZACH	182 25 7	+ 46,″01	BARRY 0 26 48	— 20,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″34 —		— 7,″96 +	
10	18, 20	0,″14	7, 82	0,″14
20	17, 51	0, 69	7, 44	0, 38
1 0 7	16, 29	1, 22	6, 84	0, 60
10	14, 58	1, 71	6, 01	0, 83
20	12, 43	2, 15	5, 01	1, 00
2 0 8	9, 89	2, 54	3, 85	1, 16
10	7, 07	2, 82	2, 59	1, 26
20	4, 02	3, 05	— 1, 24 +	1, 35
3 0 9	+ 0, 85 —	3, 17	+ 0, 15 —	1, 39
10	— 2, 35 +	3, 20	1, 54	1, 39
20	5, 48	3, 13	2, 87	1, 33
4 0 10	8, 43	2, 95	4, 11	1, 24
10	11, 14	2, 71	5, 24	1, 13
20	13, 50	2, 36	6, 20	0, 96
5 0 11	15, 45	1, 95	6, 99	0, 79
10	16, 92	1, 47	7, 53	0, 54
20	17, 89	0, 97	7, 87	0, 34

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″07 —		— 0,″39 +	
10	— 2, 77 +	2,″84	+ 0, 84 —	1,″23
20	5, 53	2, 76	2, 04	1, 20
1 0 7	8, 10	2, 57	3, 21	1, 17
10	10, 45	2, 35	4, 27	1, 06
20	12, 47	2, 02	5, 18	0, 91
2 0 8	14, 12	1, 65	5, 94	0, 76
10	15, 34	1, 22	6, 53	0, 59
20	16, 08	0, 74	6, 91	0, 38
3 0 9	16, 35	0, 27	7, 11	0, 20
10	16, 11	0, 24	7, 05	0, 06
20	15, 39	0, 72	6, 79	0, 26
4 0 10	14, 20	1, 19	6, 34	0, 45
10	12, 57	1, 63	5, 69	0, 65
20	10, 57	2, 00	4, 86	0, 83
5 0 11	8, 23	2, 34	3, 89	0, 97
10	5, 67	2, 56	2, 79	1, 10
20	2, 91	2, 76	1, 61	1, 18

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	182° 33′ 11″		BRADL. 4°25′41″	
DE LA CAILLE	182 33 10		CAILLE 4 25 54	
TOB. MAYER	182 33 15		T. MAY. 4 25 45	
DE ZACH	182 32 53	+ 45,″95	BARRY 4 25 45	— 20,″03
			L.LAND. 4 25 44	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″39 —		— 8,″00 +	
10	18, 25	0,″14	7, 62	0,″38
20	17, 57	0, 68	7, 00	0, 62
1 0 7	16, 36	1, 21	6, 16	0, 84
10	14, 63	1, 73	5, 15	1, 01
20	12, 49	2, 14	3, 97	1, 18
2 0 8	9, 95	2, 54	2, 67	1, 30
10	7, 12	2, 83	— 1, 28 +	1, 39
20	4, 06	3, 06	+ 0, 12 —	1, 40
3 0 9	+ 0, 88 —	3, 18	1, 54	1, 42
10	— 2, 33 +	3, 21	2, 91	1, 37
20	5, 47	3, 14	4, 18	1, 27
4 0 10	8, 43	2, 96	5, 33	1, 15
10	11, 14	2, 71	6, 33	1, 00
20	13, 51	2, 37	7, 13	0, 80
5 0 11	15, 48	1, 97	7, 69	0, 56
10	16, 96	1, 48	8, 05	0, 36
20	17, 94	0, 98	8, 14	0, 09

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″74 —		— 0,″41 +	
10	— 2, 11 +	2,″85	+ 0, 83 —	1,″24
20	4, 90	2, 79	2, 03	1, 20
1 0 7	7, 52	2, 62	3, 20	1, 17
10	9, 93	2, 41	4, 25	1, 05
20	12, 03	2, 10	5, 17	0, 92
2 0 8	13, 77	1, 74	5, 94	0, 77
10	15, 10	1, 33	6, 53	0, 59
20	15, 95	0, 85	6, 91	0, 38
3 0 9	16, 33	0, 38	7, 10	0, 19
10	16, 20	0, 13	7, 05	0, 05
20	15, 60	0, 60	6, 79	0, 26
4 0 10	14, 51	1, 09	6, 34	0, 45
10	12, 98	1, 53	5, 70	0, 64
20	11, 06	1, 92	4, 87	0, 83
5 0 11	8, 80	2, 26	3, 90	0, 97
10	6, 29	2, 51	2, 80	1, 10
20	3, 56	2, 73	1, 62	1, 18

20 Virginis. 6. 20

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	185° 44′ 41″	+ 45,″63	FLAMST 11°23′20″	— 19,″95
DE ZACH	185 43 44		BARRY 11 23 57	
			L.I.AND. 11 24 8	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″92 —		— 8,″10 +	
10	18, 92	0,″00	7, 34	0,″76
20	18, 36	0, 56	6, 33	1, 01
		1, 13		1, 16
1 0 7	17, 23		5, 17	
10	15, 58	1, 65	3, 81	1, 36
20	13, 46	2, 12	2, 37	1, 44
		2, 54		1, 55
2 0 8	10, 92		— 0, 82 +	
10	8, 06	2, 86	+ 0, 70 —	1, 52
20	4, 94	3, 12	2, 28	1, 58
		3, 24		1, 45
3 0 9	+ 1, 70 —		3, 73	
10	— 1, 61 +	3, 31	5, 08	1, 35
20	4, 88	3, 27	6, 28	1, 20
		3, 11		0, 96
4 0 10	7, 99		7, 24	
10	10, 86	2, 87	8, 07	0, 83
20	13, 42	2, 56	8, 59	0, 52
		2, 11		0, 29
5 0 11	15, 53		8, 88	
10	17, 19	1, 66	8, 88	0, 00
20	18, 33	1, 14	8, 61	0, 27

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″51 —		— 0,″78 +	
10	— 0, 33 +	2,″84	+ 0, 45 —	1,″23
20	3, 18	2, 85	1, 68	1, 23
		2, 73		1, 18
1 0 7	5, 91		2, 86	
10	8, 48	2, 57	3, 95	1, 09
20	10, 78	2, 30	4, 91	0, 96
		1, 99		0, 81
2 0 8	12, 77		5, 72	
10	14, 36	1, 59	6, 38	0, 66
20	15, 51	1, 15	6, 83	0, 45
		0, 69		0, 25
3 0 9	16, 20		7, 08	
10	16, 38	0, 18	7, 11	0, 03
20	16, 08	0, 30	6, 91	0, 20
		0, 80		0, 39
4 0 10	15, 28		6, 52	
10	14, 01	1, 27	5, 87	0, 65
20	12, 34	1, 67	5, 14	0, 73
		2, 07		0, 92
5 0 11	10, 27		4, 22	
10	7, 91	2, 36	3, 15	1, 07
20	5, 29	2, 62	1, 98	1, 17

q Virginis. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	185° 52′ 4″		CAILLE 8°20′47″	
TOB. MAYER	185 52 11		T. MAY. 8 20 46	
DE ZACH	185 51 57	+ 46,″31	BARRY 8 20 48	+ 19,″95

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″46 —		+ 7,″61 —	
10	18, 53	0,″07	7, 99	0,″38
20	18, 03	0, 50	8, 14	0, 15
1 0 7	17, 01	1, 02	8, 04	0, 10
10	15, 46	1, 55	7, 69	0, 35
20	13, 44	2, 02	7, 10	0, 59
2 0 8	11, 03	2, 41	6, 30	0, 80
10	8, 26	2, 77	5, 32	0, 98
20	5, 25	3, 01	4, 16	1, 16
3 0 9	+ 2, 08 —	3, 17	2, 88	1, 28
10	— 1, 15 +	3, 23	1, 52	1, 36
20	4, 35	3, 20	+ 0, 10 —	1, 42
4 0 10	7, 42	3, 07	— 1, 31 +	1, 42
10	10, 26	2, 84	2, 69	1, 38
20	12, 81	2, 55	3, 99	1, 30
5 0 11	14, 94	2, 13	5, 16	1, 17
10	16, 61	1, 67	6, 17	1, 01
20	17, 81	1, 20	6, 99	0, 82

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″39 +	2,″84	+ 0,″96 —	1,″24
10	4, 23	2, 72	— 0, 28 +	1, 21
20	6, 95	2, 48	1, 49	1, 07
1 0 7	9, 43	2, 21	2, 56	1, 24
10	11, 64	1, 84	3, 80	0, 99
20	13, 48	1, 47	4, 79	0, 84
2 0 8	14, 95	1, 00	5, 63	0, 68
10	15, 95	0, 50	6, 31	0, 47
20	16, 45	0, 01	6, 78	0, 26
3 0 9	16, 46	0, 50	7, 04	0, 08
10	15, 96	0, 96	7, 12	0, 17
20	15, 00	1, 44	6, 95	0, 36
4 0 10	13, 56	1, 85	6, 59	0, 57
10	11, 71	2, 20	6, 02	0, 75
20	9, 51	2, 50	5, 27	0, 91
5 0 11	7, 01	2, 68	4, 36	1, 05
10	4, 33	2, 84	3, 31	1, 15
20	1, 49		2, 16	

23 Virginis. 6. 23

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	186° 47′ 52″		FLAMST 9° 3′ 58″	
DE ZACH	186 44 56	+ 45,″65	BARRY 9 54 7	— 19,″92

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 18,″45 —		— 8,″19 +	
10	18, 58	0,″13	7, 53	0,″66
20	18, 05	0, 53	6, 63	0, 90
1 0 7	17, 16	0, 89	5, 56	1, 07
10	15, 68	1, 48	4, 47	1, 09
20	13, 70	1, 98	2, 98	1, 49
2 0 8	11, 31	2, 39	— 1, 46 +	1, 52
10	8, 56	2, 75	+ 0, 06 —	1, 52
20	5, 56	3, 00	1, 56	1, 50
3 0 9	+ 2, 40 —	3, 16	3, 03	1, 47
10	— 0, 84 +	3, 24	4, 42	1, 39
20	4, 05	3, 21	5, 65	1, 23
4 0 10	7, 14	3, 09	6, 72	1, 07
10	10, 02	2, 88	7, 58	0, 86
20	12, 60	2, 58	8, 23	0, 65
5 0 11	14, 78	2, 18	8, 45	0, 22
10	16, 50	1, 72	8, 63	0, 18
20	17, 75	1, 25	8, 61	0, 02

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 1,″51 —		— 1,″12 +	
10	— 1, 33 +	2,″84	+ 0, 11 —	1,″23
20	4, 14	2, 81	1, 35	1, 24
1 0 7	6, 79	2, 65	2, 54	1, 19
10	9, 27	2, 48	3, 68	1, 14
20	11, 45	2, 18	4, 68	1, 00
2 0 8	13, 29	1, 84	5, 52	0, 85
10	14, 72	1, 43	6, 25	0, 72
20	15, 70	0, 98	6, 75	0, 50
3 0 9	16, 22	0, 52	7, 06	0, 31
10	16, 23	0, 01	7, 14	0, 08
20	15, 76	0, 47	7, 00	0, 14
4 0 10	14, 80	0, 96	6, 67	0, 33
10	13, 39	1, 41	6, 12	0, 55
20	11, 58	1, 81	5, 39	0, 73
5 0 11	9, 41	2, 17	4, 50	0, 89
10	6, 97	2, 44	3, 45	1, 05
20	4, 30	2, 67	2, 32	1, 13

f Virginis. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	186° 37′ 37″	+ 46,″20	CAILLE 4°43′39″	— 19,″92
TOB. MAYER	186 37 36		T. MAY. 4 43 37	
DE ZACH	186 37 22		BARRY 4 43 36	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″28 —		+ 7,″82 —	
10	18, 41	0,″13	7, 94	0,″12
20	17, 97	0, 44	7, 83	0, 11
1 0 7	17, 00	0, 97	7, 50	0, 33
10	15, 49	1, 51	7, 04	0, 46
20	13, 53	1, 96	6, 19	0, 85
2 0 8	11, 15	2, 38	5, 32	0, 87
10	8, 42	2, 73	4, 21	1, 11
20	5, 45	2, 97	2, 94	1, 27
3 0 9	+ 2, 31 —	3, 14	1, 65	1, 29
10	— 0, 90 +	3, 21	+ 0, 31 —	1, 34
20	4, 07	3, 17	— 1, 11 +	1, 42
4 0 10	7, 14	3, 07	2, 51	1, 40
10	9, 97	2, 83	3, 74	1, 23
20	12, 53	2, 56	4, 89	1, 15
5 0 11	14, 71	2, 18	5, 90	1, 01
10	16, 39	1, 68	6, 73	0, 83
20	17, 61	1, 22	7, 44	0, 71

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″78 +		+ 1,″07 —	
10	3, 62	2,″84	— 0, 15 +	1,″22
20	6, 35	2, 73	1, 38	1, 23
1 0 7	8, 88	2, 53	2, 57	1, 19
10	11, 15	2, 27	3, 71	1, 14
20	13, 07	1, 92	4, 71	1, 00
2 0 8	14, 61	1, 54	5, 56	0, 85
10	15, 71	1, 10	6, 26	0, 70
20	16, 30	0, 59	6, 76	0, 50
3 0 9	16, 42	0, 12	7, 06	0, 30
10	16, 03	0, 39	7, 13	0, 07
20	15, 17	0, 86	6, 98	0, 15
4 0 10	13, 83	1, 34	6, 65	0, 33
10	12, 07	1, 76	6, 09	0, 56
20	9, 95	2, 12	5, 36	0, 73
5 0 11	7, 52	2, 43	4, 46	0, 90
10	4, 89	2, 63	3, 42	1, 04
20	2, 10	2, 79	2, 28	1, 14

χ Virginis, trium in recta ſub ſiniſtro cubitu præced. 5. 26

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
BRADLEY	187° 14′ 11″	+ 46,″32	BRADL. 6° 53′ 29″	+ 19,″90
DE LA CAILLE	187 14 11		CAILLE 6 53 40	
TOB. MAYER	187 14 11		T. MAY. 6 53 30	
DE ZACH	187 13 57		BARRY 6 53 29	
			L. LAND. 6 53 26	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″34 —		+ 7,″63 —	
10	18, 48	0,″14	7, 93	0,″30
20	18, 08	0, 40	7, 99	0, 06
		0, 95		0, 19
1 0 7	17, 13		7, 80	
10	15, 67	1, 46	7, 38	0, 42
20	13, 72	1, 95	6, 73	0, 65
		2, 37		0, 85
2 0 8	11, 35		5, 88	
10	8, 65	2, 70	4, 85	1, 03
20	5, 67	2, 98	3, 67	1, 18
		3, 14		1, 29
3 0 9	+ 2, 53 —		2, 38	
10	— 0, 70 +	3, 23	+ 1, 01 —	1, 37
20	3, 90	3, 20	— 0, 38 +	1, 39
		3, 08		1, 38
4 0 10	6, 98		1, 76	
10	9, 84	2, 86	3, 09	1, 33
20	12, 43	2, 59	4, 33	1, 24
		2, 19		1, 09
5 0 11	14, 62		5, 42	
10	16, 35	1, 73	6, 37	0, 95
20	17, 62	1, 27	7, 11	0, 74

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″14 +		+ 1,″14 —	
10	3, 99	2,″85	— 0, 04 +	1,″18
20	6, 71	2, 72	1, 29	1, 25
		2, 49		1, 19
1 0 7	9, 20		2, 48	
10	11, 45	2, 25	3, 62	1, 14
20	13, 34	1, 89	4, 64	1, 02
		1, 49		0, 86
2 0 8	14, 83		5, 50	
10	15, 86	1, 03	6, 22	0, 72
20	16, 41	0, 55	6, 73	0, 51
		0, 05		0, 32
3 0 9	16, 46		7, 05	
10	16, 02	0, 44	7, 14	0, 09
20	15, 08	0, 94	7, 01	0, 13
		1, 38		0, 38
4 0 10	13, 70		6, 63	
10	11, 87	1, 83	6, 16	0, 47
20	9, 69	2, 18	5, 44	0, 72
		2, 46		0, 91
5 0 11	7, 23		4, 53	
10	4, 56	2, 67	3, 48	1, 05
20	1, 73	2, 83	2, 38	1, 10

γ Virginis, de quatuor in ala ſiniſtra ſequens. 3. 29

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
BRADLEY	187° 53′ 28″	+ 46,″03	BRADL. 0° 20′ 59″	+ 19,″86
DE LA CAILLE	187 53 28		CAILLE 0 20 54	
TOB. MAYER	187 53 30		T. MAY. 0 21 0	
DE LAMBRE	187 53 0		BARRY 0 21 0	
DE ZACH	187 52 58		L. LAND. 0 20 55	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″17 —		+ 7,″95 —	
10	18, 37	0,″20	7, 84	0,″11
20	18, 02	0, 35	7, 50	0, 34
		0, 91		0, 56
1 0 7	17, 11		6, 94	
10	15, 69	1, 42	6, 16	0, 78
20	13, 78	1, 91	5, 20	0, 96
		2, 31		1, 13
2 0 8	11, 47		4, 07	
10	8, 80	2, 67	2, 82	1, 25
20	5, 87	2, 93	1, 49	1, 33
		3, 12		1, 37
3 0 9	+ 2, 75 —		+ 0, 12 —	
10	— 0, 45 +	3, 20	— 1, 26 +	1, 38
20	3, 63	3, 18	2, 61	1, 35
		3, 08		1, 26
4 0 10	6, 71		3, 87	
10	9, 58	2, 87	5, 02	1, 15
20	12, 15	2, 57	6, 01	0, 99
		2, 22		0, 82
5 0 11	14, 37		6, 83	
10	16, 13	1, 76	7, 43	0, 60
20	17, 42	1, 29	7, 81	0, 38

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″06 +		+ 1,″29 —	
10	2, 90	2,″84	0, 06	1,″23
20	5, 66	2, 76	— 1, 19 +	1, 25
		2, 56		1, 23
1 0 7	8, 22		2, 42	
10	10, 56	2, 34	3, 53	1, 11
20	12, 56	2, 00	4, 56	1, 03
		1, 63		0, 91
2 0 8	14, 19		5, 47	
10	15, 40	1, 21	6, 18	0, 71
20	16, 12	0, 72	6, 70	0, 52
		0, 24		0, 35
3 0 9	16, 36		7, 05	
10	16, 10	0, 26	7, 15	0, 10
20	15, 35	0, 75	7, 03	0, 12
		1, 21		0, 29
4 0 10	14, 14		6, 74	
10	12, 49	1, 65	6, 21	0, 53
20	10, 47	2, 02	5, 50	0, 71
		2, 35		0, 87
5 0 11	8, 12		4, 63	
10	5, 55	2, 57	3, 61	1, 02
20	2, 78	2, 77	2, 48	1, 13

℘ Virginis. 5. 30

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	187° 56′ 33″	+ 45,″47	FLAMST 11° 19′ 58″	— 19,″87
DE ZACH	187 56 20		BARRY 11 20 31	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″58 —		— 8,″28 +	
10	18, 74	0,″16	7, 50	0,″78
20	18, 38	0, 36	6, 47	1, 03
1 0 7	17, 45	0, 93	5, 24	1, 23
10	16, 00	1, 45	3, 86	1, 48
20	14, 06	1, 94	2, 35	1, 51
2 0 8	11, 70	2, 36	— 0, 78 +	1, 57
10	8, 98	2, 72	+ 0, 82 —	1, 60
20	5, 97	3, 01	2, 40	1, 58
3 0 9	+ 2, 80 —	3, 17	3, 89	1, 49
10	— 0, 46 +	3, 26	5, 26	1, 37
20	3, 70	3, 24	6, 49	1, 23
4 0 10	6, 84	3, 14	7, 52	1, 03
10	9, 77	2, 93	8, 31	0, 79
20	12, 39	2, 62	8, 86	0, 55
5 0 11	14, 66	2, 27	9, 14	0, 28
10	16, 45	1, 79	9, 13	0, 01
20	17, 77	1, 32	8, 83	0, 30

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″89 —		— 1,″31 +	
10	— 0, 94 +	2,″83	0, 08	1,″23
20	3, 75	2, 81	+ 1, 17 —	1, 25
1 0 7	6, 43	2, 68	2, 39	1, 22
10	8, 93	2, 50	3, 52	1, 13
20	11, 15	2, 22	4, 54	1, 02
2 0 8	13, 04	1, 89	5, 42	0, 88
10	14, 54	1, 50	6, 17	0, 75
20	15, 58	1, 04	6, 70	0, 53
3 0 9	16, 15	0, 57	7, 03	0, 33
10	16, 23	0, 08	7, 15	0, 12
20	15, 83	0, 40	7, 04	0, 11
4 0 10	14, 94	0, 89	6, 76	0, 28
10	13, 59	1, 35	6, 23	0, 53
20	11, 84	1, 75	5, 52	0, 71
5 0 11	9, 75	2, 09	4, 65	0, 87
10	7, 31	2, 44	3, 64	1, 01
20	4, 67	2, 64	2, 50	1, 14

35 Virginis. 6. 35

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	189° 25′ 23″	+ 45,″75	FLAMST 4° 39′ 55″	— 19,″79
DE ZACH	189 25 4		BARRY 4 40 10	
			L. LAND. 4 40 11	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″16 —		— 8,″15 +	
10	18, 46	0,″30	7, 77	0,″38
20	18, 20	0, 26	7, 12	0, 65
1 0 7	17, 37	0, 83	6, 28	0, 84
10	16, 01	1, 36	5, 23	1, 05
20	14, 19	1, 82	4, 02	1, 21
2 0 8	11, 92	2, 27	2, 70	1, 32
10	9, 30	2, 62	— 1, 28 +	1, 42
20	6, 37	2, 93	+ 0, 15 —	1, 43
3 0 9	3, 26	3, 11	1, 60	1, 45
10	+ 0, 07 —	3, 19	3, 00	1, 40
20	— 3, 14 +	3, 21	4, 30	1, 30
4 0 10	6, 25	3, 11	5, 47	1, 17
10	9, 17	2, 92	6, 48	1, 01
20	11, 81	2, 64	7, 29	0, 81
5 0 11	14, 16	2, 35	7, 88	0, 59
10	15, 97	1, 81	8, 22	0, 34
20	17, 31	1, 34	8, 31	0, 09

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″77 —		— 1,″55 +	
10	— 2, 07 +	2,″84	0, 32	1,″23
20	4, 85	2, 78	+ 0, 92 —	1, 24
1 0 7	7, 46	2, 61	2, 14	1, 22
10	9, 86	2, 40	3, 30	1, 16
20	11, 95	2, 09	4, 35	1, 05
2 0 8	13, 69	1, 74	5, 27	0, 92
10	15, 02	1, 33	6, 03	0, 76
20	15, 87	0, 85	6, 64	0, 61
3 0 9	16, 26	0, 39	7, 00	0, 36
10	16, 14	0, 12	7, 16	0, 16
20	15, 54	0, 60	7, 11	0, 05
4 0 10	14, 46	1, 08	6, 85	0, 26
10	12, 94	1, 52	6, 38	0, 47
20	11, 04	1, 90	5, 70	0, 68
5 0 11	8, 79	2, 25	4, 85	0, 85
10	6, 29	2, 50	3, 87	0, 98
20	3, 59	2, 70	2, 75	1, 12

38 Virginis. 6. 7.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	190° 44′ 35″	+ 46,″17	CAILLE 2°27′48″	+ 19,″70
TOB. MAYER	190 44 40		T. MAY. 2 27 44	
DE ZACH	190 44 13		BARRY 2 27 47	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″04 —		+ 7,″81 —	
10	18, 41	0,″37	7, 83	0,″02
20	18, 27	0, 14	7, 61	0, 22
		0, 76		0, 44
1 0 7	17, 51		7, 17	
10	16, 21	1, 30	6, 52	0, 65
20	14, 44	1, 77	5, 67	0, 85
		2, 20		1, 04
2 0 8	12, 24		4, 63	
10	9, 68	2, 56	3, 47	1, 16
20	6, 81	2, 87	2, 19	1, 28
		3, 11		1, 35
3 0 9	3, 70		+ 0, 84 —	
10	+ 0, 52 —	3, 18	— 0, 53 +	1, 37
20	— 2, 67 +	3, 19	1, 88	1, 35
		3, 11		1, 30
4 0 10	5, 78		3, 18	
10	8, 72	2, 94	4, 36	1, 18
20	11, 41	2, 69	5, 45	1, 09
		2, 36		0, 90
5 0 11	13, 77		6, 35	
10	15, 67	1, 90	7, 08	0, 73
20	17, 12	1, 45	7, 55	0, 47

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″40 +		+ 1,″76 —	
10	3, 25	2,″85	0, 53	1,″23
20	6, 00	2, 75	— 0, 73 +	1, 26
		2, 55		1, 22
1 0 7	8, 55		1, 95	
10	10, 86	2, 31	3, 13	1, 18
20	12, 82	1, 96	4, 20	1, 07
		1, 59		0, 94
2 0 8	14, 41		5, 14	
10	15, 56	1, 15	5, 96	0, 82
20	16, 23	0, 67	6, 56	0, 60
		0, 18		0, 41
3 0 9	16, 41		6, 97	
10	16, 09	0, 32	7, 17	0, 20
20	15, 29	0, 80	7, 15	0, 02
		1, 28		0, 21
4 0 10	14, 01		6, 94	
10	12, 30	1, 71	6, 49	0, 45
20	10, 23	2, 07	5, 84	0, 65
		2, 38		0, 83
5 0 11	7, 85		5, 01	
10	5, 22	2, 63	4, 04	0, 97
20	2, 45	2, 77	2, 95	1, 09

ψ Virginis, trium in recta ſub ſiniſtro cubitu media. 5. 40

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	190° 59′ 36″		CAILLE 8° 27′ 3″	
BRADLEY	190 59 35		BRADL. 8 26 55	
TOB. MAYER	190 59 36		T. MAY. 8 26 55	
DE ZACH	190 59 25	+ 46,″58	BARRY 8 27 17	+ 19,″69

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″16 —		+ 7,″37 —	
10	18, 58	0,″42	7, 76	0,″39
20	18, 42	0, 16	7, 91	0, 15
1 0 7	17, 69	0, 73	7, 82	0, 09
10	16, 43	1, 26	7, 51	0, 31
20	14, 66	1, 77	6, 96	0, 55
2 0 8	12, 45	2, 21	6, 19	0, 77
10	9, 86	2, 59	5, 22	0, 97
20	6, 97	2, 89	4, 12	1, 10
3 0 9	3, 85	3, 12	2, 88	1, 24
10	+ 0, 63 —	3, 22	1, 56	1, 32
20	— 2, 60 +	3, 23	+ 0, 19 —	1, 37
4 0 10	5, 76	3, 16	— 1, 20 +	1, 39
10	8, 76	3, 00	2, 54	1, 34
20	11, 47	2, 71	3, 81	1, 27
5 0 11	13, 84	2, 37	4, 95	1, 14
10	15, 78	1, 94	5, 95	1, 00
20	17, 26	1, 48	6, 76	0, 81

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″39 +		+ 1,″81 —	
10	4, 25	2,″86	0, 59	1,″22
20	6, 98	2, 73	— 0, 68 +	1, 27
1 0 7	9, 49	2, 51	1, 91	1, 23
10	11, 71	2, 22	3, 09	1, 18
20	13, 57	1, 86	4, 17	1, 08
2 0 8	15, 01	1, 44	5, 11	0, 94
10	15, 99	0, 98	5, 93	0, 82
20	16, 52	0, 53	6, 55	0, 62
3 0 9	16, 55	0, 03	6, 97	0, 42
10	16, 06	0, 49	7, 18	0, 21
20	15, 08	0, 98	7, 16	0, 02
4 0 10	13, 64	1, 44	6, 95	0, 21
10	11, 78	1, 86	6, 51	0, 44
20	9, 57	2, 21	5, 87	0, 64
5 0 11	7, 07	2, 50	5, 06	0, 81
10	4, 36	2, 71	4, 10	0, 96
20	1, 50	2, 86	3, 00	1, 10

♪ Virginis, in dextero latere ſub cingulo. 4. 3. 43

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	191° 23′ 22″		BRADL. 4° 29′ 20″	
DE LA CAILLE	191 23 25		CAILLE 4 29 25	
TOB. MAYER	191 23 28		T. MAY. 4 29 14	
DE LAMBRE	191 23 1	+	BARRY 4 29 21	—
DE ZACH	191 22 57	45,″71	L. LAND. 4 29 21	19,″66

Long. ☉	Aberratio in Æ.	Differ	Aberratio in Decl.	Differ.
0 o 6	+ 18,″03 —		— 8,″22 +	
10	18, 47	0,″44	7, 83	0,″39
20	18, 32	0, 15	7, 22	0, 61
		0, 71		0, 87
1 o 7	17, 61		6, 35	
10	16, 37	1, 24	5, 33	1, 02
20	14, 64	1, 73	4, 11	1, 22
		2, 17		1, 32
2 o 8	12, 47		2, 79	
10	9, 91	2, 56	— 1, 38 +	1, 41
20	7, 00	2, 91	+ 0, 07 —	1, 45
		3, 03		1, 46
3 o 9	3, 97		1, 53	
10	+ 0, 77 —	3, 20	2, 95	1, 42
20	— 2, 44 +	3, 21	4, 25	1, 30
		3, 15		1, 19
4 o 10	5, 59		5, 44	
10	8, 56	2, 97	6, 45	1, 01
20	11, 26	2, 70	7, 29	0, 84
		2, 37		0, 59
5 o 11	13, 63		7, 88	
10	15, 58	1, 95	8, 26	0, 38
20	17, 08	1, 50	8, 36	0, 10

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 o 6	+ 0,″73 —		— 1,″87 +	
10	— 2, 10 +	2,″83	0, 65	1,″22
20	4, 87	2, 77	+ 0, 62 —	1, 27
		2, 61		1, 23
1 o 7	7, 48		1, 85	
10	9, 88	2, 40	3, 03	1, 18
20	11, 96	2, 08	4, 12	1, 09
		1, 74		0, 95
2 o 8	13, 70		5, 07	
10	15, 02	1, 32	5, 89	0, 82
20	15, 86	0, 84	6, 53	0, 64
		0, 38		0, 42
3 o 9	16, 24		6, 95	
10	16, 12	0, 12	7, 18	0, 23
20	15, 52	0, 60	7, 17	0, 01
		1, 09		0, 20
4 o 10	14, 43		6, 97	
10	12, 91	1, 52	6, 54	0, 43
20	11, 00	1, 91	5, 90	0, 64
		2, 25		0, 79
5 o 11	8, 75		5, 11	
10	6, 25	2, 50	4, 15	0, 96
20	3, 54	2, 71	3, 06	1, 09

ℓ Virginis, de quatuor in dicta ala borea, tertia. 6. 44

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	19ʰ 20′ 31″	+ 46,″22	CAILLE 2° 43′ 54″	+ 19,″59
TOB. MAYER	192 20 43		T. MAY. 2 43 46	
DE ZACH	192 20 25		BARRY 2 43 50	
			L. LAND. 2 43 39	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 6	+ 17,″94 —		+ 7,″73 —	
10	18, 42	0,″48	7, 84	0,″11
20	18, 33	0, 09	7, 64	0, 20
7	17, 67	0, 66	7, 22	0, 42
10	16, 49	1, 18	6, 53	0, 69
20	14, 80	1, 69	5, 70	0, 83
8	12, 66	2, 14	4, 73	0, 97
10	10, 14	2, 52	3, 61	1, 12
20	7, 32	2, 82	2, 31	1, 30
9	4, 26	3, 06	+ 0, 90 —	1, 41
10	+ 1, 07 —	3, 19	— 0, 51 +	1, 41
20	— 2, 13 +	3, 20	1, 90	1, 39
10	5, 29	3, 16	3, 10	1, 30
10	8, 27	2, 98	4, 29	1, 19
20	11, 00	2, 73	5, 43	1, 14
11	13, 41	2, 41	6, 33	0, 90
10	15, 41	2, 00	7, 02	0, 69
20	16, 94	1, 53	7, 44	0, 42

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 6	— 0,″44 +		+ 2,″02 —	
10	3, 29	2,″85	0, 79	1,″23
20	6, 04	2, 75	— 0, 47 +	1, 26
7	8, 59	2, 55	1, 71	1, 24
10	10, 90	2, 31	2, 90	1, 19
20	12, 86	1, 96	4, 01	1, 11
8	14, 45	1, 59	4, 99	0, 98
10	15, 59	1, 14	5, 82	0, 83
20	16, 25	0, 66	6, 49	0, 67
9	16, 42	0, 17	6, 93	0, 44
10	16, 09	0, 33	7, 18	0, 25
20	15, 29	0, 80	7, 20	0, 02
10	14, 00	1, 29	7, 02	0, 18
10	12, 29	1, 71	6, 62	0, 40
20	10, 22	2, 07	6, 01	0, 61
11	7, 82	2, 40	5, 22	0, 79
10	5, 21	2, 61	4, 28	0, 94
20	2, 41	2, 80	3, 21	1, 07

ε Virginis, trium borea in dextra ala vindemiatrix. 3. 47

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	193° 3′ 25″		CAILLE 12° 2′ 20″	
BRADLEY	193 3 34		BRADL. 12 2 15	
TOB. MAYER	193 3 32		T. MAY. 12 2 15	
DE LAMBRE	193 3 29	+	BARRY 12 2 22	—
DE ZACH	193 3 13	45,″06	L. LAND. 12 2 25	19,″53

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″27 —		— 8,″66 +	
10	18, 80	0,″53	7, 82	0,″84
20	18, 75	0, 05	6, 75	1, 07
		0, 63		1, 27
1 0 7	18, 12		5, 48	
10	16, 95	1, 17	4, 04	1, 44
20	15, 27	1, 68	2, 46	1, 58
		2, 14		1, 64
2 0 8	13, 13		— 0, 82 +	
10	10, 57	2, 56	+ 0, 85 —	1, 67
20	7, 71	2, 86	2, 50	1, 65
		3, 11		1, 56
3 0 9	4, 60		4, 06	
10	+ 1, 35 —	3, 25	5, 50	1, 44
20	— 1, 93 +	3, 28	6, 78	1, 28
		3, 23		1, 07
4 0 10	5, 16		7, 85	
10	8, 23	3, 07	8, 67	0, 82
20	11, 04	2, 81	9, 25	0, 58
		2, 48		0, 29
5 0 11	13, 52		9, 54	
10	15, 54	2, 02	9, 52	0, 02
20	17, 21	1, 67	9, 23	0, 29

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″98 —		— 2,″14 +	
10	— 0, 83 +	2,″81	0, 91	1,″23
20	3, 62	2, 79	+ 0, 34 —	1, 25
		2, 66		1, 26
1 0 7	6, 28		1, 60	
10	8, 76	2, 48	2, 80	1, 20
20	10, 99	2, 23	3, 92	1, 12
		1, 90		0, 99
2 0 8	12, 89		4, 91	
10	14, 37	1, 48	5, 77	0, 86
20	15, 42	1, 05	6, 45	0, 68
		0, 58		0, 47
3 0 9	16, 00		6, 92	
10	16, 11	0, 11	7, 18	0, 26
20	15, 72	0, 38	7, 23	0, 05
		0, 86		0, 17
4 0 10	14, 86		7, 06	
10	13, 54	1, 32	6, 68	0, 38
20	11, 81	1, 73	6, 09	0, 59
		2, 09		0, 77
5 0 11	9, 72		5, 32	
10	7, 34	2, 38	4, 38	0, 94
20	4, 73	2, 61	3, 32	1, 06

g Virginis, trium in recta ſub ſiniſtro cubitu, auſtrina. 5. 49

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	194° 21′ 40″		CAILLE 9° 39′ 58″	
BRADLEY	194 21 35		BRADL. 9 39 59	
TOB. MAYER	194 21 36		T. MAY. 9 40 0	
DE ZACH	194 21 25	+ 46,″86	BARRY 9 40 2	+ 19,″43
			L. LAND. 9 40 2	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″05 —		+ 7,″10 —	
10	18, 65	0,″60	7, 54	0,″44
20	18, 67	0, 02	7, 77	0, 23
		0, 55		0, 01
1 0 7	18, 12		7, 76	
10	17, 01	1, 11	7, 52	0, 24
20	15, 42	1, 59	7, 05	0, 47
		2, 07		0, 70
2 0 8	13, 35		6, 35	
10	10, 88	2, 47	5, 47	0, 88
20	8, 03	2, 85	4, 43	1, 04
		3, 02		1, 18
3 0 9	5, 01		3, 25	
10	+ 1, 80 —	3, 21	1, 97	1, 28
20	— 1, 46 +	3, 26	+ 0, 63 —	1, 34
		3, 22		1, 35
4 0 10	4, 68		— 0, 72 +	
10	7, 75	3, 07	2, 07	1, 35
20	10, 59	2, 84	3, 35	1, 28
		2, 53		1, 16
5 0 11	13, 12		4, 51	
10	15, 24	2, 12	5, 55	1, 04
20	16, 89	1, 65	6, 41	0, 86

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″57 +		— 2,″34 +	
10	4, 44	2,″87	1, 13	1,″21
20	7, 18	2, 74	+ 0, 14 —	1, 27
		2, 50		1, 26
1 0 7	9, 68		1, 40	
10	11, 91	2, 23	2, 60	1, 20
20	13, 76	1, 85	3, 75	1, 15
		1, 45		1, 03
2 0 8	15, 21		4, 78	
10	16, 19	0, 98	5, 66	0, 88
20	16, 67	0, 48	6, 37	0, 71
		0, 02		0, 50
3 0 9	16, 65		6, 87	
10	16, 12	0, 53	7, 18	0, 31
20	15, 11	1, 01	7, 27	0, 09
		1, 48		0, 14
4 0 10	13, 63		7, 13	
10	11, 74	1, 89	6, 78	0, 35
20	9, 50	2, 24	6, 23	0, 55
		2, 54		0, 76
5 0 11	6, 96		5, 47	
10	4, 23	2, 73	4, 56	0, 91
20	1, 34	2, 89	3, 51	1, 05

θ Virginis, de quatuor ultima et ſequens. 4. 51

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	194° 54′ 9″		CAILLE 4° 27′ 55″	
BRADLEY	194 54 12		BRADL. 4 28 0	
TOB. MAYER	194 54 18		T. MAY. 4 28 0	
DE LAMBRE	194 54 3	+	BARRY 4 27 58	+
DE ZACH	194 53 59	46,″41	I. LAND. 4 27 54	19,″39

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″77 +		+ 7,″58 —	
10	18, 42	0,″65	7, 72	0,″14
20	18, 49	0, 07	7, 64	0, 08
		0, 49		0, 34
1 0 7	18, 00		7, 30	
10	16, 93	1, 07	6, 75	0, 55
20	15, 37	1, 56	6, 01	0, 74
		2, 02		0, 92
2 0 8	13, 35		5, 09	
10	10, 93	2, 42	4, 00	1, 09
20	8, 16	2, 77	2, 80	1, 20
		2, 99		1, 29
3 0 9	5, 17		1, 51	
10	+ 2, 01 —	3, 16	+ 0, 15 —	1, 36
20	— 1, 22 +	3, 23	— 1, 18 +	1, 33
		3, 20		1, 31
4 0 10	4, 42		2, 49	
10	7, 48	3, 06	3, 71	1, 22
20	10, 31	2, 83	4, 84	1, 13
		2, 52		0, 96
5 0 11	12, 83		5, 80	
10	14, 96	2, 13	6, 61	0, 81
20	16, 62	1, 66	7, 20	0, 59

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″72 +		+ 2,″43 —	
10	3, 57	2,″85	1, 21	1,″22
20	6, 31	2, 74	— 0, 06 +	1, 27
		2, 55		1, 26
1 0 7	8, 86		1, 32	
10	11, 15	2, 29	2, 54	1, 22
20	13, 09	1, 94	3, 68	1, 14
		1, 55		1, 04
2 0 8	14, 64		4, 72	
10	15, 75	1, 11	5, 61	0, 89
20	16, 37	0, 62	6, 33	0, 72
		0, 12		0, 52
3 0 9	16, 49		6, 85	
10	16, 10	0, 39	7, 17	0, 32
20	15, 26	0, 86	7, 28	0, 11
		1, 34		0, 12
4 0 10	13, 92		7, 16	
10	12, 17	1, 75	6, 81	0, 35
20	10, 05	2, 12	6, 27	0, 54
		2, 43		0, 74
5 0 11	7, 62		5, 53	
10	4, 97	2, 65	4, 63	0, 90
20	2, 16	2, 81	3, 59	1, 04

53 Virginis. 4. 5. 53

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
TOB. MAYER	195° 21′ 32″	+ 47,″44	T. MAY. 15° 6′ 38″	+ 19,″35
DE ZACH	195 21 29		BARRY 15 6 52	
			L.I.AND. 15 6 44	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″32 —		+ 6,″44 —	
10	19, 00	0,″68	7, 23	0,″79
20	19, 11	0, 11	7, 77	0, 54
1 0 7	18, 62	0, 49	8, 08	0, 31
10	17, 57	1, 05	8, 15	0, 07
20	15, 99	1, 58	7, 97	0, 18
2 0 8	13, 93	2, 06	7, 53	0, 44
10	11, 44	2, 49	6, 90	0, 63
20	8, 60	2, 84	6, 05	0, 85
3 0 9	5, 50	3, 10	5, 00	1, 05
10	+ 2, 24 —	3, 26	3, 79	1, 21
20	— 1, 08 +	3, 32	2, 50	1, 29
4 0 10	4, 39	3, 31	+ 1, 13 —	1, 37
10	7, 56	3, 17	— 0, 31 +	1, 44
20	10, 50	2, 94	1, 73	1, 42
5 0 11	13, 11	2, 61	3, 08	1, 35
10	15, 34	2, 23	4, 35	1, 27
20	17, 12	1, 78	5, 50	1, 15

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″48 +		+ 2,″53 —	
10	5, 38	2,″90	1, 30	1,″23
20	8, 11	2, 73	+ 0, 04 —	1, 26
1 0 7	10, 59	2, 48	— 1, 23 +	1, 27
10	12, 74	2, 15	2, 47	1, 24
20	14, 50	1, 76	3, 62	1, 15
2 0 8	15, 84	1, 34	4, 66	1, 04
10	16, 70	0, 86	5, 57	0, 91
20	17, 04	0, 34	6, 30	0, 73
3 0 9	16, 85	0, 19	6, 83	0, 53
10	16, 17	0, 68	7, 17	0, 34
20	15, 00	1, 17	7, 29	0, 12
4 0 10	13, 36	1, 64	7, 19	0, 10
10	11, 31	2, 05	6, 87	0, 32
20	8, 93	2, 38	6, 33	0, 54
5 0 11	6, 27	2, 66	5, 61	0, 72
10	3, 44	2, 83	4, 71	0, 90
20	0, 48	2, 96	3, 69	1, 02

57 Virginis. 6. 57

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
FLAMSTEED	196° 14′ 31″	+ 47,″91	FLAMST 18° 52′ 6″	+ 19,″27
DE-ZACH	196 17 43		BARRY 18 52 21	
			L.LAND. 18 52 23	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″61 —		+ 5,″88 —	
10	19, 35	0,″74	6, 89	1,″01
20	19, 52	0, 17	7, 67	0, 78
1 0 7	19, 09	0, 43	8, 21	0, 54
10	18, 06	1, 03	8, 52	0, 31
20	16, 49	1, 57	8, 57	0, 05
2 0 8	14, 42	2, 07	8, 34	0, 23
10	11, 91	2, 51	7, 85	0, 49
20	9, 04	2, 87	7, 16	0, 69
3 0 9	5, 90	3, 14	6, 23	0, 93
10	+ 2, 58 —	3, 32	5, 11	1, 12
20	— 0, 82 +	3, 40	3, 85	1, 26
4 0 10	4, 20	3, 38	2, 46	1, 39
10	7, 46	3, 26	+ 0, 99 —	1, 47
20	10, 48	3, 02	— 0, 52 +	1, 51
5 0 11	13, 18	2, 70	1, 98	1, 46
10	15, 48	2, 30	3, 40	1, 42
20	17, 31	1, 83	4, 72	1, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″13 +		+ 2,″66 —	
10	6, 05	2,″92	1, 43	1,″23
20	8, 78	2, 73	+ 0, 17 —	1, 26
1 0 7	11, 24	2, 46	— 1, 10 +	1, 27
10	13, 35	2, 11	2, 35	1, 25
20	15, 05	1, 70	3, 51	1, 16
2 0 8	16, 30	1, 25	4, 58	1, 07
10	17, 06	0, 76	5, 50	0, 92
20	17, 31	0, 25	6, 27	0, 77
3 0 9	17, 02	0, 29	6, 80	0, 53
10	16, 22	0, 80	7, 17	0, 37
20	14, 93	1, 29	7, 31	0, 14
4 0 10	13, 19	1, 74	7, 23	0, 08
10	11, 03	2, 16	6, 93	0, 30
20	8, 54	2, 49	6, 40	0, 53
5 0 11	5, 80	2, 74	5, 70	0, 70
10	— 2, 89 +	2, 91	4, 83	0, 87
20	+ 0, 12 —	3, 01	3, 81	1, 02

σ Virginis. 5. 60

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	196° 52′ 37″	+ 45,″35	FLAMST. 6°31′18″	— 19,″20
DE ZACH	196 52 35		BARRY 6 32 24	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	+ 17,″65 —		— 8,″51 +	
10	18, 41	0,″76	7, 97	0,″54
20	18, 61	0, 20	7, 26	0, 71
1 0 7	18, 23	0, 38	6, 27	0, 99
10	17, 29	0, 94	5, 12	1, 15
20	15, 83	1, 46	3, 82	1, 30
2 0 8	13, 89	1, 94	2, 40	1, 42
10	11, 54	2, 35	— 0, 89 +	1, 51
20	8, 83	2, 71	+ 0, 66 —	1, 55
3 0 9	5, 86	2, 97	2, 20	1, 54
10	+ 2, 71 —	3, 15	3, 63	1, 43
20	— 0, 54 +	3, 25	4, 97	1, 34
4 0 10	3, 75	3, 21	6, 15	1, 18
10	6, 87	3, 12	7, 15	1, 00
20	9, 78	2, 91	7, 93	0, 78
5 0 11	12, 37	2, 59	8, 47	0, 54
10	14, 60	2, 23	8, 73	0, 26
20	16, 38	1, 78	8, 73	0, 00

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	+ 1,″04 —		— 2,″77 +	
10	— 1, 77 +	2,″81	1, 53	1,″24
20	4, 54	2, 77	— 0, 29 +	1, 24
1 0 7	7, 16	2, 62	+ 1, 00 —	1, 29
10	9, 56	2, 40	2, 24	1, 24
20	11, 67	2, 11	3, 42	1, 18
2 0 8	13, 43	1, 76	4, 51	1, 09
10	14, 79	1, 36	5, 44	0, 93
20	15, 69	0, 90	6, 22	0, 78
3 0 9	16, 11	0, 42	6, 77	0, 55
10	16, 05	0, 06	7, 16	0, 39
20	15, 50	0, 55	7, 33	0, 17
4 0 10	14, 48	1, 02	7, 26	0, 07
10	13, 01	1, 47	6, 98	0, 28
20	11, 16	1, 85	6, 47	0, 51
5 0 11	8, 96	2, 20	5, 78	0, 69
10	6, 50	2, 46	4, 92	0, 86
20	3, 83	2, 67	3, 92	1, 00

61 Virginis. 4. 5. 61

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
TOB. MAYER	197° 0′ 21″	+ 47,″81	T. MAY. 17°10′54″	+ 19,″18
DE ZACH	196 59 27		BARRY. 17 11 24	

Long. ⊙	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 18,″35 —		+ 6,″06 —	
10	19, 15	0,″80	6, 97	0,″91
20	19, 35	0, 20	7, 63	0, 66
		0, 39		0, 45
1 0 7	18, 96		8, 08	
10	18, 00	0, 96	8, 27	0, 19
20	16, 50	1, 50	8, 22	0, 05
		2, 02		0, 31
2 0 8	14, 48		7, 91	
10	12, 03	2, 45	7, 38	0, 53
20	9, 21	2, 82	6, 63	0, 75
		3, 09		0, 97
3 0 9	6, 12		5, 66	
10	+ 2, 85 —	3, 27	4, 51	1, 15
20	— 0, 52 +	3, 37	3, 24	1, 27
		3, 31		1, 37
4 0 10	3, 83		1, 87	
10	7, 02	3, 19	+ 0, 44 —	1, 43
20	10, 08	3, 06	— 1, 02 +	1, 46
		2, 75		1, 42
5 0 11	12, 83		2, 44	
10	15, 17	2, 34	3, 77	1, 33
20	17, 02	1, 85	4, 99	1, 22

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″82 +		+ 2,″74 —	
10	5, 73	2,″91	1, 55	1,″19
20	8, 47	2, 74	+ 0, 31 —	1, 24
		2, 46		1, 28
1 0 7	10, 93		— 0, 97 +	
10	13, 06	2, 13	2, 23	1, 26
20	14, 80	1, 74	3, 40	1, 17
		1, 32		1, 10
2 0 8	16, 12		4, 50	
10	16, 94	0, 82	5, 43	0, 93
20	17, 23	0, 29	6, 22	0, 79
		0, 24		0, 56
3 0 9	16, 99		6, 78	
10	16, 24	0, 75	7, 16	0, 38
20	15, 01	1, 23	7, 33	0, 17
		1, 70		0, 06
4 0 10	13, 31		7, 27	
10	11, 20	2, 11	7, 00	0, 27
20	8, 76	2, 44	6, 49	0, 51
		2, 71		0, 69
5 0 11	6, 05		5, 80	
10	3, 17	2, 88	4, 94	0, 86
20	0, 18	2, 99	3, 93	1, 01

64 Virginis. 6. 64

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	198° 0′ 55″	+ 45,″34	FLAMST 6° 12′ 1″	— 19,″09
DE ZACH	198 1 10		BARRY 6 12 33	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″54 —		— 8,″55 +	
10	18, 37	0,″83	8, 04	0,″51
20	18, 62	0, 25	7, 31	0, 73
1 0 7	18, 31	0, 31	6, 35	0, 96
10	17, 44	0, 87	5, 21	1, 14
20	16, 05	1, 39	3, 90	1, 31
2 0 8	14, 16	1, 89	2, 48	1, 42
10	11, 84	2, 32	— 0, 99 +	1, 49
20	9, 16	2, 68	+ 0, 56 —	1, 55
3 0 9	6, 22	2, 94	2, 06	1, 50
10	+ 3, 08 —	3, 14	3, 52	1, 46
20	— 0, 16 +	3, 24	4, 89	1, 37
4 0 10	3, 40	3, 24	6, 08	1, 19
10	6, 53	3, 13	7, 07	0, 99
20	9, 46	2, 93	7, 88	0, 81
5 0 11	12, 08	2, 62	8, 43	0, 55
10	14, 37	2, 29	8, 73	0, 30
20	16, 20	1, 83	8, 78	0, 05

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″99 —		— 2,″94 +	
10	— 1, 83 +	2,″82	1, 72	1,″22
20	4, 59	2, 76	— 0, 46 +	1, 26
1 0 7	7, 20	2, 61	+ 0, 82 —	1, 28
10	9, 60	2, 40	2, 08	1, 26
20	11, 70	2, 10	3, 27	1, 19
2 0 8	13, 46	1, 76	4, 38	1, 11
10	14, 80	1, 34	5, 34	0, 96
20	15, 69	0, 89	6, 15	0, 81
3 0 9	16, 11	0, 42	6, 74	0, 59
10	16, 04	0, 07	7, 15	0, 41
20	15, 48	0, 56	7, 36	0, 21
4 0 10	14, 45	1, 03	7, 32	0, 04
10	12, 97	1, 48	7, 08	0, 24
20	11, 11	1, 86	6, 59	0, 49
5 0 11	8, 90	2, 21	5, 92	0, 67
10	6, 44	2, 46	5, 07	0, 85
20	3, 77	2, 67	4, 08	0, 99

α Virginis, in manu ſiniſtra dicta SPICA. 1. 67

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	198° 40′ 10″	+ 47,″15	LA CAILLE 10° 6′ 42″	+ 19,″01
BRADLEY	198 40 9		BRADLEY 10 6 45	
TOB. MAYER	198 40 12		T. MAYER 10 6 43	
MASKELYNE	198 40 2		MASKELYNE 10 6 45	
			BARRY 10 6 38	
			LA LANDE 10 6 43	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″65 —		+ 6,″81 —	
10	18, 52	0,″87	7, 29	0,″48
20	18, 82	0, 30	7, 53	0, 24
1 0 7	18, 55	0, 27	7, 55	0, 02
10	17, 71	0, 84	7, 35	0, 20
20	16, 34	1, 37	6, 93	0, 42
2 0 8	14, 48	1, 86	6, 26	0, 63
10	12, 16	2, 32	5, 45	0, 81
20	9, 48	2, 68	4, 45	1, 00
3 0 9	6, 52	2, 96	3, 32	1, 13
10	3, 35	3, 17	2, 09	1, 23
20	+ 0, 09 —	3, 26	+ 0, 79 —	1, 30
4 0 10	— 3, 19 +	3, 28	— 0, 53 +	1, 32
10	6, 37	3, 18	1, 82	1, 29
20	9, 34	2, 97	3, 09	1, 27
5 0 11	12, 03	2, 69	4, 24	1, 15
10	14, 36	2, 33	5, 27	1, 03
20	16, 24	1, 88	6, 13	0, 86

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″62 +		+ 3,″03 —	
10	4, 50	2,″88	1, 83	1,″20
20	7, 25	2, 75	+ 0, 56 —	1, 27
1 0 7	9, 77	2, 52	— 0, 73 +	1, 29
10	12, 00	2, 23	1, 98	1, 25
20	13, 87	1, 87	3, 19	1, 21
2 0 8	15, 34	1, 47	4, 31	1, 12
10	16, 30	0, 96	5, 28	0, 97
20	16, 78	0, 48	6, 11	0, 82
3 0 9	16, 75	0, 03	6, 73	0, 62
10	16, 22	0, 53	7, 14	0, 41
20	15, 20	1, 02	7, 36	0, 22
4 0 10	13, 71	1, 49	7, 40	0, 04
10	11, 79	1, 92	7, 19	0, 21
20	9, 54	2, 25	6, 64	0, 55
5 0 11	6, 98	2, 56	5, 99	0, 65
10	4, 23	2, 75	5, 15	0, 84
20	1, 32	2, 91	4, 16	0, 99

i Virginis. 4. 68

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	199° 2′ 45″	+ 47,″36	CAILLE 11°39′38″	+ 18,″97
BRADLEY	199 2 38		BRADL. 11 39 42	
TOB. MAYER	199 2 44		T. MAY. 11 39 42	
DE ZACH	199 2 31		L.LAND. 11 39 43	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 17,″71 —		+ 6,″60 —	
10	18, 61	0,″90	7, 17	0,″57
20	18, 92	0, 31	7, 52	0, 35
1 0 7	18, 67	0, 25	7, 64	0, 12
10	17, 84	0, 83	7, 52	0, 12
20	16, 48	1, 36	7, 17	0, 35
2 0 8	14, 62	1, 86	6, 60	0, 57
10	12, 30	2, 32	5, 84	0, 76
20	9, 62	2, 68	4, 90	0, 94
3 0 9	6, 65	2, 97	2, 82	1, 08
10	3, 47	3, 18	2, 62	1, 20
20	+ 0, 19 —	3, 28	1, 33	1, 29
4 0 10	— 3, 10 +	3, 29	+ 0, 01 —	1, 32
10	6, 29	3, 19	— 1, 32 +	1, 33
20	9, 29	3, 00	2, 61	1, 29
5 0 11	12, 01	2, 72	3, 81	1, 20
10	14, 37	2, 36	4, 90	1, 09
20	16, 29	1, 92	5, 84	0, 94

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	— 1,″86 +		+ 3,″10 —	
10	4, 76	2,″90	1, 89	1,″21
20	7, 51	2, 75	+ 0, 62 —	1, 27
1 0 7	10, 02	2, 51	— 0, 66 +	1, 28
10	12, 24	2, 22	1, 93	1, 27
20	14, 08	1, 84	3, 15	1, 22
2 0 8	15, 50	1, 42	4, 28	1, 13
10	16, 46	0, 96	5, 26	0, 98
20	16, 92	0, 46	6, 08	0, 82
3 0 9	16, 84	0, 08	6, 71	0, 63
10	16, 25	0, 59	7, 14	0, 43
20	15, 18	1, 07	7, 37	0, 23
4 0 10	13, 64	1, 54	7, 37	0, 00
10	11, 69	1, 95	7, 15	0, 22
20	9, 39	2, 30	6, 69	0, 46
5 0 11	6, 80	2, 59	6, 04	0, 65
10	4, 02	2, 78	5, 22	0, 82
20	1, 09	2, 93	4, 23	0, 99

69 Virginis. 5. 6. 69

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
TOB. MAYER	199° 12′ 11″	+ 47,″76	T. MAY. 14°55′48″	+ 18,″95
DE ZACH	199 12 5		BARRY 14 55 45	
			L.LAND. 14 55 44	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″93 —		+ 6,″17 —	
10	18, 85	0,″92	6, 91	0,″74
20	19, 18	0, 33	7, 44	0, 53
1 0 7	18, 94	0, 24	7, 76	0, 33
10	18, 10	0, 84	7, 85	0, 09
20	16, 74	1, 36	7, 71	0, 14
2 0 8	14, 87	1, 87	7, 30	0, 41
10	12, 52	2, 35	6, 69	0, 61
20	9, 81	2, 71	5, 89	0, 80
3 0 9	6, 80	3, 01	4, 89	1, 00
10	3, 59	3, 21	3, 74	1, 15
20	+ 0, 27 —	3, 32	2, 50	1, 24
4 0 10	— 3, 07 +	3, 34	+ 1, 17 —	1, 33
10	6, 31	3, 24	— 0, 21 +	1, 38
20	9, 36	3, 05	1, 55	1, 34
5 0 11	12, 12	2, 76	2, 88	1, 33
10	14, 52	2, 40	4, 10	1, 22
20	16, 48	1, 96	5, 20	1, 10

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″41 +		+ 3,″13 —	
10	5, 32	2,″91	1, 92	1,″21
20	8, 07	2, 75	+ 0, 65 —	1, 27
1 0 7	10, 56	2, 49	— 0, 64 +	1, 29
10	12, 75	2, 19	1, 90	1, 26
20	14, 55	1, 80	3, 10	1, 20
2 0 8	15, 90	1, 35	4, 24	1, 14
10	16, 77	0, 87	5, 23	0, 99
20	17, 14	0, 37	6, 07	0, 84
3 0 9	16, 97	0, 16	6, 70	0, 63
10	16, 30	0, 67	7, 14	0, 44
20	15, 13	1, 17	7, 37	0, 23
4 0 10	13, 50	1, 63	7, 37	0, 00
10	11, 45	2, 05	7, 16	0, 21
20	9, 07	2, 38	6, 71	0, 45
5 0 11	6, 40	2, 67	6, 06	0, 65
10	3, 55	2, 85	5, 24	0, 82
20	0, 58	2, 97	4, 25	0, 99

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	200° 23′ 45″		CAILLE 5° 11′ 39″	
BRADLEY	200 23 48		BRADL. 5 13 6	
TOB. MAYER	200 23 55		T. MAY. 5 12 58	
DE ZACH	200 23 37	+ 46,″65	BARRY 5 12 59	+ 18,″81
			L. LAND. 5 13 2	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″27 −		+ 7,″36 −	
10	18, 23	0,″96	7, 55	0,″19
20	18, 63	0, 40	7, 48	0, 07
1 0 7	18, 46	0, 17	7, 21	0, 27
10	17, 73	0, 73	6, 73	0, 48
20	16, 47	1, 26	6, 03	0, 70
2 0 8	14, 71	1, 76	5, 14	0, 89
10	12, 49	2, 22	4, 11	1, 03
20	9, 89	2, 60	2, 95	1, 16
3 0 9	7, 00	2, 89	1, 70	1, 25
10	3, 91	3, 09	+ 0, 40 −	1, 30
20	+ 0, 67 −	3, 24	− 0, 91 +	1, 31
4 0 10	− 2, 57 +	3, 24	2, 20	1, 29
10	5, 73	3, 16	3, 42	1, 22
20	8, 74	3, 01	4, 54	1, 12
5 0 11	11, 45	2, 71	5, 52	0, 98
10	13, 83	2, 38	6, 33	0, 81
20	15, 78	1, 95	6, 95	0, 62

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	− 0,″82 +		+ 3,″31 −	
10	3, 68	2,″86	2, 11	1,″20
20	6, 44	2, 76	+ 0, 84 −	1, 27
1 0 7	8, 99	2, 55	− 0, 46 +	1, 30
10	11, 28	2, 29	1, 72	1, 26
20	13, 22	1, 94	2, 96	1, 24
2 0 8	14, 76	1, 54	4, 10	1, 14
10	15, 86	1, 10	5, 11	1, 01
20	16, 46	0, 60	5, 98	0, 87
3 0 9	16, 57	0, 11	6, 65	0, 67
10	16, 18	0, 39	7, 11	0, 46
20	15, 30	0, 88	7, 37	0, 26
4 0 10	13, 95	1, 35	7, 42	0, 05
10	12, 17	1, 78	7, 24	0, 18
20	10, 03	2, 14	6, 82	0, 42
5 0 11	7, 58	2, 45	6, 20	0, 62
10	4, 91	2, 67	5, 39	0, 81
20	2, 08	2, 83	4, 45	0, 94

h Virginis, auſtrina praecedentis lateri dicti quadrilateri. 6. 76

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
TOB. MAYER	200° 36′ 53″		T. MAY. 9° 7′ 40″	
DE ZACH	200 36 38	+ 47,″15	L.LAND. 9 7 34 BARRY 9 7 39	+ 18,″78

Long. ☉		Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0	6	+ 17,″62 —		+ 6,″84 —	
10		18, 37	0,″75	7, 25	0,″41
20		18, 79	0, 42	7, 45	0, 20
♑ 0	7	18, 64	0, 15	7, 42	0, 03
10		17, 91	0, 73	7, 17	0, 25
20		16, 64	1, 27	6, 68	0, 49
♒ 0	8	14, 89	1, 75	6, 00	0, 68
10		12, 66	2, 23	5, 13	0, 87
20		10, 04	2, 62	4, 12	1, 01
♒ 0	9	7, 13	2, 91	2, 97	1, 15
10		4, 02	3, 11	1, 75	1, 22
20		+ 0, 75 —	3, 27	+ 0, 46 —	1, 29
♓ 0	10	— 2, 52 +	3, 27	— 0, 84 +	1, 30
10		5, 72	3, 20	2, 11	1, 27
20		8, 75	3, 03	3, 34	1, 23
♓ 0	11	11, 50	2, 75	4, 45	1, 11
10		13, 91	2, 41	5, 42	0, 97
20		15, 88	1, 97	6, 22	0, 80

Long. ☊		Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0	6	— 1,″44 +		+ 3,″34 —	
10		4, 32	2,″88	2, 13	1,″21
20		7, 09	2, 77	+ 0, 87 —	1, 26
♑ 0	7	9, 61	2, 52	— 0, 43 +	1, 30
10		11, 87	2, 26	1, 70	1, 27
20		13, 75	1, 88	2, 94	1, 24
♒ 0	8	15, 22	1, 47	4, 08	1, 14
10		16, 25	1, 03	5, 09	1, 01
20		16, 75	0, 50	5, 96	0, 87
♒ 0	9	16, 75	0, 00	6, 64	0, 68
10		16, 25	0, 50	7, 11	0, 47
20		15, 26	0, 99	7, 38	0, 27
♓ 0	10	13, 79	1, 47	7, 42	0, 04
10		11, 91	1, 88	7, 24	0, 18
20		9, 67	2, 24	6, 83	0, 41
♓ 0	11	7, 13	2, 54	6, 22	0, 61
10		4, 39	2, 74	5, 41	0, 81
20		1, 50	2, 89	4, 44	0, 97

♍ Virginis, ſub ventris velo in dextro femore. 3. 79

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	201° 7′ 51″	+ 45,″96	CAILLE 0°25′52″	— 18,″72
TOB. MAYER	201 8 5		T. MAY. 0 25 54	
DE LAMBRE	201 7 41		BARRY 0 26 1	
DE ZACH	201 7 38		L. LAND. 0 26 4	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″11 —		— 8,″01 +	
10	18, 11	1,″00	7, 86	0,″15
20	18, 55	0, 44	7, 48	0, 38
1 0 7	18, 42	0, 13	6, 89	0, 59
10	17, 73	0, 69	6, 05	0, 84
20	16, 51	1, 22	5, 05	1, 00
2 0 8	14, 81	1, 70	3, 89	1, 16
10	12, 62	2, 19	2, 62	1, 27
20	10, 05	2, 57	— 1, 26 +	1, 36
3 0 9	7, 20	2, 85	+ 0, 14 —	1, 40
10	4, 12	3, 08	1, 53	1, 39
20	+ 0, 90 +	3, 22	2, 88	1, 35
4 0 10	— 2, 33 —	3, 23	4, 12	1, 24
10	5, 49	3, 16	5, 23	1, 11
20	8, 49	3, 00	6, 22	0, 99
5 0 11	11, 22	2, 73	7, 02	0, 80
10	13, 62	2, 40	7, 58	0, 56
20	15, 59	1, 97	7, 90	0, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″07 —		— 3,″43 +	
10	— 2, 77 +	2,″84	2, 22	1,″21
20	5, 53	2, 76	— 0, 95 +	1, 27
1 0 7	8, 10	2, 57	+ 0, 34 —	1, 29
10	10, 43	2, 33	1, 61	1, 27
20	12, 46	2, 03	2, 86	1, 25
2 0 8	14, 11	1, 65	4, 02	1, 16
10	15, 33	1, 22	5, 04	1, 02
20	16, 07	0, 74	5, 93	0, 89
3 0 9	16, 33	0, 26	6, 63	0, 70
10	16, 09	0, 24	7, 11	0, 48
20	15, 37	0, 72	7, 40	0, 29
4 0 10	14, 18	1, 19	7, 46	0, 06
10	12, 55	1, 63	7, 29	0, 17
20	10, 55	2, 00	6, 89	0, 40
5 0 11	8, 22	2, 33	6, 28	0, 61
10	5, 66	2, 56	5, 49	0, 79
20	2, 90	2, 76	4, 53	0, 96

m Virginis, duarum in latere ſequente quadrilateri borea. 6. 82

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	202° 47′ 7″		CAILLE 7° 41′ 28″	
BRADLEY	202 47 5		BRADL. 7 41 15	
TOB. MAYER	202 47 8		T. MAY. 7 41 16	
DE ZACH	202 46 52		L. LAND. 7 41 11	
		+ 47,″05		+ 18,″51

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 6	+ 17,″09 —		+ 6,″94 —	
10	18, 16	1,″07	7, 27	0,″33
20	18, 71	0, 55	7, 38	0, 11
♌ 0 7	18, 70	0, 01	7, 25	0, 13
10	18, 09	0, 61	6, 91	0, 34
20	16, 95	1, 14	6, 36	0, 55
♍ 0 8	15, 31	1, 64	5, 61	0, 75
10	13, 20	2, 11	4, 69	0, 92
20	10, 67	2, 53	3, 64	1, 05
♍ 0 9	7, 84	2, 83	2, 46	1, 18
10	4, 74	3, 10	+ 1, 22 —	1, 24
20	+ 1, 50 —	3, 24	— 0, 06 +	1, 28
♎ 0 10	— 1, 83 +	3, 33	1, 34	1, 28
10	4, 98	3, 15	2, 58	1, 24
20	8, 03	3, 05	3, 75	1, 17
♎ 0 11	10, 87	2, 84	4, 78	1, 03
10	13, 32	2, 45	5, 68	0, 90
20	15, 41	2, 09	6, 41	0, 73

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 6	— 1,″19 +		+ 3,″68 —	
10	4, 08	2,″89	2, 48	1,″20
20	6, 84	2, 76	+ 1, 21 —	1, 27
♌ 0 7	9, 38	2, 54	— 0, 07 +	1, 28
10	11, 66	2, 28	1, 38	1, 31
20	13, 57	1, 91	2, 65	1, 27
♍ 0 8	15, 08	1, 51	3, 83	1, 18
10	16, 13	1, 05	4, 89	1, 06
20	16, 67	0, 54	5, 80	0, 91
♍ 0 9	16, 71	0, 04	6, 53	0, 73
10	16, 26	0, 45	7, 06	0, 53
20	15, 31	0, 95	7, 41	0, 35
♎ 0 10	13, 89	1, 42	7, 50	0, 09
10	12, 04	1, 85	7, 37	0, 13
20	9, 84	2, 20	7, 02	0, 35
♎ 0 11	7, 33	2, 51	6, 46	0, 56
10	4, 61	2, 72	5, 71	0, 75
20	1, 74	2, 87	4, 76	0, 95

o Virginis. 6. 84

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	203° 15′ 39″	+ 45,″38	FLAMST 4°33′ 8″	— 18,″45
DE ZACH	203 15 12		BARRY 4 33 27	
			L. LAND. 4 33 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″90 —		— 8,″49 +	
10	18, 02	1,″12	8, 10	0,″39
20	18, 63	0, 61	7, 49	0, 61
		0, 03		0, 84
1 0 7	18, 60		6, 65	
10	18, 04	0, 56	5, 59	1, 06
20	16, 93	1, 11	4, 35	1, 24
		1, 61		1, 34
2 0 8	15, 32		3, 01	
10	13, 24	2, 08	1, 55	1, 46
20	10, 74	2, 50	— 0, 05 +	1, 50
		2, 81		1, 49
3 0 9	7, 93		+ 1, 44 —	
10	4, 88	3, 05	2, 90	1, 46
20	+ 1, 67 —	3, 21	4, 25	1, 35
		3, 26		1, 22
4 0 10	— 1, 59 +		5, 47	
10	4, 79	3, 20	6, 55	1, 08
20	7, 83	3, 04	7, 43	0, 88
		2, 84		0, 65
5 0 11	10, 67		8, 08	
10	13, 17	2, 50	8, 48	0, 40
20	15, 26	2, 09	8, 61	0, 13

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″70 —		— 3,″76 +	
10	— 2, 11 +	2,″81	2, 56	1,″20
20	4, 87	2, 76	1, 31	1, 25
		2, 58		1, 29
1 0 7	7, 45		— 0, 02 +	
10	9, 83	2, 38	+ 1, 30 —	1, 32
20	11, 90	2, 07	2, 56	1, 26
		1, 72		1, 22
2 0 8	13, 62		3, 78	
10	14, 92	1, 30	4, 84	1, 06
20	15, 76	0, 84	5, 76	0, 92
		0, 37		0, 75
3 0 9	16, 13		6, 51	
10	16, 00	0, 13	7, 07	0, 56
20	15, 40	0, 60	7, 42	0, 35
		1, 09		0, 11
4 0 10	14, 31		7, 53	
10	12, 80	1, 51	7, 41	0, 12
20	10, 90	1, 90	7, 07	0, 34
		2, 24		0, 52
5 0 11	8, 66		6, 52	
10	6, 18	2, 48	5, 78	0, 74
20	3, 49	2, 69	4, 85	0, 93

89 Virginis. 5. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	204° 45′ 30″	+ 48,″59	CAILLE 17° 8′ 52″	+ 18,″23
TOB. MAYER	204 45 34		T. MAY. 17 7 48	
DE ZACH	204 45 18		L.LAND. 17 7 42	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 17,″42 —		+ 5,″10 —	
10	18, 69	1,″27	6, 05	0,″95
20	19, 38	0, 69	6, 84	0, 79
1 0 7	19, 47	0, 09	7, 41	0, 57
10	19, 00	0, 49	7, 74	0, 33
20	17, 93	1, 07	7, 84	0, 10
2 0 8	16, 31	1, 62	7, 71	0, 13
10	14, 21	2, 10	7, 35	0, 36
20	11, 67	2, 54	6, 75	0, 60
3 0 9	8, 77	2, 90	5, 95	0, 80
10	5, 62	3, 15	4, 97	0, 98
20	+ 2, 28 —	3, 34	3, 84	1, 13
4 0 10	— 1, 09 +	3, 37	2, 60	1, 24
10	4, 48	3, 37	+ 1, 28 —	1, 32
20	7, 70	3, 22	— 0, 09 +	1, 37
5 0 11	10, 75	3, 05	1, 46	1, 37
10	13, 42	2, 67	2, 76	1, 30
20	15, 63	2, 21	3, 99	1, 23

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″67 +		+ 4,″00 —	
10	5, 61	2,″94	2, 81	1,″19
20	8, 61	2, 80	1, 54	1, 27
1 0 7	10, 94	2, 53	+ 0, 25 —	1, 29
10	13, 14	2, 20	— 1, 07 +	1, 32
20	14, 94	1, 80	2, 35	1, 28
2 0 8	16, 29	1, 35	3, 58	1, 23
10	17, 15	0, 86	4, 69	1, 11
20	17, 48	0, 33	5, 64	0, 95
3 0 9	17, 27	0, 21	6, 44	0, 80
10	16, 54	0, 73	7, 04	0, 60
20	15, 32	1, 22	7, 43	0, 39
4 0 10	13, 63	1, 69	7, 58	0, 15
10	11, 51	2, 12	7, 50	0, 08
20	9, 04	2, 47	7, 19	0, 31
5 0 11	6, 32	2, 72	6, 68	0, 51
10	3, 41	2, 91	5, 96	0, 72
20	0, 37	3, 04	5, 06	0, 90

p Virginis, in dextro posteriore femore. 6. 90

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	206° 6′ 44″	+ 46,″09	CAILLE 0° 30′ 39″	+ 18,″02
TOB. MAYER	206 6 56		T. MAY. 0 30 43	
DE ZACH	206 6 35		BARRY 0 30 41	
			L.LAND. 0 30 34	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″46 —		+ 7,″89 —	
10	17, 75	1,″29	7, 80	0,″09
20	18, 50	0, 75	7, 47	0, 33
1 0 7	18, 68	0, 18	6, 92	0, 55
10	18, 28	0, 40	6, 16	0, 76
20	17, 32	0, 96	5, 20	0, 96
2 0 8	15, 85	1, 47	4, 08	1, 12
10	13, 91	1, 94	2, 84	1, 24
20	11, 53	2, 38	1, 52	1, 32
3 0 9	8, 80	2, 73	+ 0, 16 —	1, 36
10	5, 80	3, 00	— 1, 21 +	1, 37
20	+ 2, 60 —	3, 20	2, 55	1, 34
4 0 10	— 0, 63 +	3, 23	3, 81	1, 26
10	3, 86	3, 23	4, 96	1, 15
20	6, 96	3, 10	5, 95	0, 99
5 0 11	9, 88	2, 92	6, 76	0, 81
10	12, 48	2, 60	7, 36	0, 60
20	14, 69	2, 21	7, 74	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″08 +		+ 4,″19 —	
10	2, 92	2,″84	3, 02	1,″17
20	5, 68	2, 76	1, 75	1, 27
1 0 7	8, 25	2, 57	+ 0, 44 —	1, 31
10	10, 59	2, 34	— 0, 88 +	1, 32
20	12, 59	2, 00	2, 21	1, 33
2 0 8	14, 22	1, 63	3, 44	1, 23
10	15, 42	1, 20	4, 57	1, 13
20	16, 14	0, 72	5, 55	0, 98
3 0 9	16, 38	0, 24	6, 38	0, 83
10	16, 11	0, 27	7, 02	0, 64
20	15, 37	0, 74	7, 43	0, 41
4 0 10	14, 15	1, 22	7, 62	0, 19
10	12, 49	1, 66	7, 57	0, 05
20	10, 47	2, 02	7, 30	0, 27
5 0 11	8, 12	2, 35	6, 80	0, 50
10	5, 54	2, 58	6, 10	0, 70
20	2, 77	2, 77	5, 22	0, 88

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	207° 52′ 12″	+ 45,″60	FLAMST 2°30′42″	— 17,″76
DE ZACH	207 52 6		BARRY 2 31 13	
			L. LAND. 2 31 12	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
☌ 0 0 6	+ 16,″24 —		— 8,″34 +	
10	17, 62	1,″38	8, 07	0,″27
20	18, 46	0, 84	7, 57	0, 50
☌ 1 0 7	18, 74	0, 28	6, 83	0, 74
10	18, 47	0, 27	5, 89	0, 99
20	17, 61	0, 86	4, 78	1, 11
☌ 2 0 8	16, 22	1, 39	3, 50	1, 28
10	14, 34	1, 88	2, 13	1, 37
20	12, 03	2, 31	— 0, 69 +	1, 44
☌ 3 0 9	9, 37	2, 66	+ 0, 77 —	1, 46
10	6, 42	2, 95	2, 23	1, 46
20	3, 30	3, 12	3, 59	1, 36
☌ 4 0 10	+ 0, 08 —	3, 22	4, 84	1, 25
10	— 3, 26 +	3, 34	5, 97	1, 13
20	6, 41	3, 15	6, 89	0, 92
☌ 5 0 11	9, 38	2, 93	7, 60	0, 71
10	12, 04	2, 66	8, 10	0, 50
20	14, 35	2, 31	8, 35	0, 25

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☌ 0 0 6	+ 0,″37 —		— 4,″46 +	
10	— 2, 45 +	2,″82	3, 30	1,″16
20	5, 20	2, 75	2, 04	1, 26
☌ 1 0 7	7, 78	2, 58	— 0, 74 +	1, 30
10	10, 13	2, 35	+ 0, 60 —	1, 34
20	12, 17	2, 04	1, 95	1, 35
☌ 2 0 8	13, 85	1, 68	3, 21	1, 26
10	15, 11	1, 26	4, 38	1, 17
20	15, 89	0, 78	5, 41	1, 03
☌ 3 0 9	16, 20	0, 31	6, 28	0, 87
10	16, 02	0, 18	6, 95	0, 67
20	15, 36	0, 66	7, 42	0, 47
☌ 4 0 10	14, 22	1, 14	7, 68	0, 26
10	12, 65	1, 57	7, 66	0, 02
20	10, 70	1, 95	7, 44	0, 22
☌ 5 0 11	8, 42	2, 28	6, 99	0, 45
10	5, 90	2, 52	6, 33	0, 66
20	3, 18	2, 72	5, 49	0, 84

96 Virginis. 5. 96

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	209° 34′ 42″	+ 47,″64	FLAMST 9°23′56″	+ 17,″47
DE ZACH	209 35 27		BARRY 9 22 41	
			L.LAND. 9 22 43	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 16,″17 —		+ 6,″37 —	
10	17, 67	1,″50	6, 77	0,″40
20	18, 61	0, 94	6, 99	0, 22
1 0 7	19, 00	0, 39	6, 94	0, 05
10	18, 83	0, 17	6, 71	0, 23
20	18, 07	0, 76	6, 26	0, 45
2 0 8	16, 74	1, 33	5, 61	0, 65
10	14, 93	1, 81	4, 80	0, 81
20	12, 67	2, 26	3, 86	0, 94
3 0 9	10, 01	2, 66	2, 81	1, 05
10	7, 05	2, 96	1, 65	1, 16
20	3, 88	3, 17	+ 0, 45 —	1, 20
4 0 10	+ 0, 60 —	3, 28	— 0, 77 +	1, 22
10	— 2, 72 +	3, 32	1, 97	1, 20
20	5, 94	3, 22	3, 10	1, 13
5 0 11	8, 99	3, 05	4, 17	1, 07
10	11, 76	2, 77	5, 07	0, 90
20	14, 18	2, 42	5, 80	0, 73

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	— 1,″37 +		+ 4,″71 —	
10	4, 29	2,″92	3, 56	1,″15
20	7, 08	2, 79	2, 32	1, 24
1 0 7	9, 64	2, 56	+ 1, 00 —	1, 32
10	11, 93	2, 29	— 0, 34 +	1, 34
20	13, 84	1, 91	1, 69	1, 35
2 0 8	15, 34	1, 50	2, 98	1, 29
10	16, 38	1, 04	4, 19	1, 21
20	16, 91	0, 53	5, 25	1, 06
3 0 9	16, 93	0, 02	6, 18	0, 93
10	16, 43	0, 50	6, 91	0, 73
20	15, 44	0, 99	7, 42	0, 51
4 0 10	13, 98	1, 46	7, 71	0, 29
10	12, 08	1, 90	7, 76	0, 05
20	9, 83	2, 25	7, 58	0, 18
5 0 11	7, 28	2, 55	7, 17	0, 41
10	4, 51	2, 77	6, 53	0, 64
20	1, 59	2, 92	5, 70	0, 83

x Virginis, trium in tractu vestis circa pedes australina. 4. 98

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	210° 33′ 43″		CAILLE 9° 20′ 8″	
BRADLEY	210 33 37		BRADL. 9 20 13	
TOB. MAYER	210 33 48		T. MAY. 9 20 12	
DE LAMBRE	210 33 39		BARRY 9 20 5	
DE ZACH	210 33 34	+ 47,″68	L. LAND. 9 20 3	+ 17,″30

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 16,″01 —		+ 6,″36 —	
10	17, 57	1,″56	6, 77	0,″41
20	18, 60	1, 03	6, 97	0, 20
1 0 7	19, 04	0, 44	6, 95	0, 02
10	18, 89	0, 15	6, 71	0, 24
20	18, 19	0, 70	6, 26	0, 45
2 0 8	16, 92	1, 27	5, 61	0, 65
10	15, 14	1, 78	4, 80	0, 81
20	12, 91	2, 23	3, 86	0, 94
3 0 9	10, 30	2, 61	2, 81	1, 05
10	7, 35	2, 95	1, 65	1, 16
20	4, 19	3, 16	+ 0, 45 —	1, 20
4 0 10	+ 0, 89 —	3, 30	— 0, 77 +	1, 22
10	— 2, 42 +	3, 31	1, 97	1, 20
20	5, 65	3, 23	3, 10	1, 13
5 0 11	8, 71	3, 06	4, 14	1, 04
10	11, 53	2, 82	5, 04	0, 90
20	14, 00	2, 47	5, 78	0, 74

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″35 +		+ 4,″83 —	
10	4, 27	2,″92	3, 69	1,″14
20	7, 07	2, 80	2, 44	1, 25
1 0 7	9, 64	2, 57	+ 1, 11 —	1, 33
10	11, 93	2, 29	— 0, 23 +	1, 34.
20	13, 84	1, 91	1, 57	1, 34
2 0 8	15, 35	1, 51	2, 88	1, 31
10	16, 41	1, 06	4, 11	1, 23
20	16, 98	0, 57	5, 19	1, 08
3 0 9	16, 94	0, 04	6, 11	0, 92
10	16, 45	0, 49	6, 86	0, 75
20	15, 46	0, 99	7, 39	0, 53
4 0 10	14, 00	1, 46	7, 71	0, 32
10	12, 09	1, 91	7, 78	0, 07
20	9, 84	2, 25	7, 61	0, 17
5 0 11	7, 30	2, 54	7, 23	0, 38
10	4, 53	2, 77	6, 63	0, 60
20	1, 61	2, 92	5, 81	0, 82

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auct.	Var. ann. Decl. med.
DE LA CAILLE	211° 23′ 13″	+ 46,″92	CAILLE 5° 2′ 11″	+ 17,″1
TOB. MAYER	211 23 19		T. MAY. 5 2 0	
DE ZACH	211 23 2		BARRY 5 2 14	
			L. LAND. 5 2 10	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 15,″72 —		+ 7,″10 —	
10	17, 30	1,″58	7, 26	0,″16
20	18, 35	1, 05	7, 19	0, 07
1 0 7	18, 85	0, 50	6, 89	0, 30
10	18, 78	0, 07	6, 39	0, 50
20	18, 13	0, 65	5, 70	0, 69
2 0 8	16, 93	1, 20	4, 83	0, 87
10	15, 22	1, 71	3, 83	1, 00
20	13, 03	2, 19	2, 71	1, 12
3 0 9	10, 47	2, 56	1, 49	1, 22
10	7, 59	2, 88	+ 0, 24 —	1, 25
20	4, 46	3, 13	— 1, 02 +	1, 26
4 0 10	+ 1, 20 —	3, 26	2, 25	1, 23
10	— 2, 09 +	3, 29	3, 42	1, 17
20	5, 32	3, 23	4, 48	1, 06
5 0 11	8, 39	3, 07	5, 40	0, 92
10	11, 19	2, 80	6, 16	0, 76
20	13, 67	2, 48	6, 73	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″72 +		+ 4,″96 —	
10	3, 60	2,″88	3, 83	1,″13
20	6, 38	2, 78	2, 59	1, 24
1 0 7	8, 95	2, 57	+ 1, 28 —	1, 31
10	11, 25	2, 30	— 0, 08 +	1, 36
20	13, 23	1, 98	1, 44	1, 36
2 0 8	14, 81	1, 58	2, 76	1, 32
10	15, 92	1, 11	4, 00	1, 23
20	16, 55	0, 63	5, 09	1, 09
3 0 9	16, 68	0, 13	6, 04	0, 93
10	16, 30	0, 38	6, 80	0, 76
20	15, 43	0, 87	7, 38	0, 58
4 0 10	14, 08	1, 35	7, 73	0, 35
10	12, 32	1, 76	7, 83	0, 10
20	10, 17	2, 15	7, 70	0, 13
5 0 11	7, 71	2, 46	7, 33	0, 37
10	5, 04	2, 67	6, 72	0, 61
20	2, 19	2, 85	5, 95	0, 77

λ Virginis, in extremo ſiniſtro pede et auſtrina. 4. 100

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	212° 4′ 52″	+ 48,″35	CAILLE 12°26′36″	+ 17,″01
BRADLEY	212 4 39		BRADL. 12 26 34	
TOB. MAYER	212 4 43		T. MAY. 12 26 31	
DE LAMBRE	212 4 35		BARRY 12 26 30	
DE ZACH	212 4 31		L.LAND. 12 26 29	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 15,″91 —		+ 5,″70 —	
10	17, 56	1,″65	6, 24	0,″54
20	18, 68	1, 12	6, 59	0, 35
1 0 7	19, 22	0, 54	6, 75	0, 16
10	19, 19	0, 03	6, 70	0, 05
20	18, 57	0, 62	6, 45	0, 25
2 0 8	17, 39	1, 18	6, 01	0, 44
10	15, 67	1, 72	5, 37	0, 64
20	13, 47	2, 20	4, 58	0, 79
3 0 9	10, 86	2, 61	3, 65	0, 93
10	7, 96	2, 90	2, 61	1, 04
20	4, 78	3, 18	1, 48	1, 13
4 0 10	+ 1, 46 —	3, 32	+ 0, 31 —	1, 17
10	— 1, 90 +	3, 36	— 0, 87 +	1, 18
20	5, 21	3, 31	2, 02	1, 15
5 0 11	8, 35	3, 14	3, 11	1, 09
10	11, 21	2, 86	4, 10	0, 99
20	13, 78	2, 57	4, 97	0, 87

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″78 +		+ 5,″06 —	
10	4, 74	2,″96	3, 95	1,″11
20	7, 56	2, 82	2, 70	1, 25
1 0 7	10, 13	2, 57	1, 38	1, 32
10	12, 43	2, 30	+ 0, 02 —	1, 36
20	14, 30	1, 87	— 1, 35 +	1, 37
2 0 8	15, 77	1, 47	2, 68	1, 33
10	16, 76	0, 99	3, 92	1, 24
20	17, 23	0, 47	5, 02	1, 10
3 0 9	17, 18	0, 05	6, 00	0, 98
10	16, 61	0, 57	6, 82	0, 82
20	15, 54	1, 07	7, 40	0, 58
4 0 10	13, 99	1, 55	7, 75	0, 35
10	12, 01	1, 98	7, 86	0, 11
20	9, 68	2, 33	7, 74	0, 12
5 0 11	7, 04	2, 64	7, 40	0, 34
10	4, 21	2, 93	6, 83	0, 57
20	1, 23	2, 98	6, 04	0, 79

ι ad υ Virginis, borea trium in tractu veſtis circa pedes. 5. 102

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	212° 20′ 13″		FLAMST 1°20′22″	
DE ZACH	212 18 40	+ 46,″26	BARRY 1 19 53 L. LAND. 1 19 55	+ 16,″97

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 15,″51 —		+ 7,″79 —	
10	17, 13	1,″62	7, 72	0,″07
20	18, 22	1, 09	7, 43	0, 29
1 0 7	18, 77	0, 55	6, 90	0, 53
10	18, 75	0, 02	6, 16	0, 74
20	18, 15	0, 60	5, 24	0, 92
2 0 8	17, 00	1, 15	4, 16	1, 08
10	15, 34	1, 66	2, 93	1, 23
20	13, 20	2, 14	1, 64	1, 29
3 0 9	10, 68	2, 52	+ 0, 30 —	1, 34
10	7, 83	2, 85	— 1, 07 +	1, 37
20	4, 74	3, 09	2, 39	1, 32
4 0 10	+ 1, 50 —	3, 24	3, 64	1, 25
10	— 1, 78 +	3, 28	4, 79	1, 15
20	5, 01	3, 23	5, 79	1, 00
5 0 11	8, 09	3, 08	6, 60	0, 81
10	10, 92	2, 83	7, 22	0, 62
20	13, 42	2, 50	7, 61	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″19 +		+ 5,″09 —	
10	3, 04	2, 85	3, 97	1,″12
20	5, 80	2, 76	2, 73	1, 24
1 0 7	8, 38	2, 58	1, 41	1, 32
10	10, 71	2, 33	+ 0, 06 —	1, 35
20	12, 71	2, 00	— 1, 32 +	1, 38
2 0 8	14, 33	1, 62	2, 65	1, 33
10	15, 52	1, 19	3, 90	1, 25
20	16, 22	0, 70	5, 01	1, 11
3 0 9	16, 44	0, 22	5, 98	0, 97
10	16, 15	0, 29	6, 80	0, 82
20	15, 39	0, 76	7, 40	0, 60
4 0 10	14, 14	1, 25	7, 75	0, 35
10	12, 47	1, 67	7, 86	0, 11
20	10, 42	2, 05	7, 75	0, 11
5 0 11	8, 05	2, 37	7, 42	0, 33
10	5, 45	2, 60	6, 83	0, 59
20	2, 67	2, 78	6, 06	0, 77

♍ Virginis. 4. 105

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	214° 28′ 48″	+ 46,″27	CAILLE 1° 19′ 19″	+ 16,″55
DE ZACH	214 28 33		BARRY 1 19 20	
			L. LAND. 1 19 18	

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑	0	6	+ 15,″13 —		+ 7,″72 —	
	10		16, 87	1,″74	7, 67	0,″05
	20		18, 08	1, 21	7, 40	0, 27
	0	7	18, 77	0, 69	6, 89	0, 51
	10		18, 87	0, 10	6, 17	0, 72
	20		18, 39	0, 48	5, 27	0, 90
	0	8	17, 37	1, 02	4, 20	1, 07
	10		15, 83	1, 54	3, 00	1, 20
	20		13, 79	2, 04	1, 69	1, 31
	0	9	11, 34	2, 45	+ 0, 37 —	1, 32
	10		8, 53	2, 81	— 0, 97 +	1, 34
	20		5, 47	3, 06	2, 29	1, 32
	0	10	+ 2, 25 —	3, 22	3, 52	1, 23
	10		— 1, 03 +	3, 28	4, 69	1, 17
	20		4, 30	3, 27	5, 70	1, 01
	0	11	7, 43	3, 13	6, 53	0, 83
	10		10, 33	2, 90	7, 14	0, 61
	20		12, 93	2, 60	7, 54	0, 40

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑	0	6	— 0,″18 +		+ 5,″41 —	
	10		3, 03	2,″85	4, 31	1,″10
	20		5, 80	2, 77	3, 07	1, 24
	0	7	8, 37	2, 57	1, 76	1, 31
	10		10, 69	2, 32	+ 0, 39 —	1, 37
	20		12, 70	2, 01	— 1, 01 +	1, 40
	0	8	14, 33	1, 63	2, 37	1, 36
	10		15, 52	1, 19	3, 65	1, 28
	20		16, 22	0, 70	4, 82	1, 17
	0	9	16, 44	0, 22	5, 85	1, 03
	10		16, 16	0, 28	6, 71	0, 86
	20		15, 39	0, 77	7, 35	0, 64
	0	10	14, 15	1, 24	7, 77	0, 42
	10		12, 47	1, 68	7, 96	0, 19
	20		10, 43	2, 04	7, 90	0, 06
	0	11	8, 08	2, 35	7, 61	0, 29
	10		5, 48	2, 60	7, 09	0, 52
	20		2, 66	2, 78	6, 35	0, 74

μ Virginis, in extremo dextro et boreo pede. 4. 107

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auct.	Var. ann. Decl. med.
DE LA CAILLE	218° 8′ 2″	+ 47,″04	CAILLE 4° 46′ 42″	+ 15,″80
TOB. MAYER	218 8 9		T. MAY. 4 46 31	
DE ZACH	218 7 53		BARRY 4 46 32	
			L. LAND. 4 46 12	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″49 —		+ 7,″00 —	
10	16, 43	1,″94	7, 12	0,″12
20	17, 84	1, 41	7, 04	0, 08
1 0 7	18, 72	0, 88	6, 74	0, 30
10	19, 06	0, 34	6, 23	0, 51
20	18, 80	0, 26	5, 52	0, 71
2 0 8	17, 96	0, 84	4, 62	0, 90
10	16, 59	1, 37	3, 62	1, 00
20	14, 70	1, 89	2, 50	1, 12
3 0 9	12, 36	2, 34	1, 31	1, 19
10	9, 67	2, 69	+ 0, 07 —	1, 24
20	6, 68	2, 99	— 1, 16 +	1, 23
4 0 10	3, 47	3, 21	2, 36	1, 20
10	+ 0, 18 —	3, 29	3, 49	1, 13
20	— 3, 15 +	3, 33	4, 52	1, 03
5 0 11	6, 36	3, 21	5, 40	0, 88
10	9, 37	3, 01	6, 14	0, 74
20	12, 11	2, 74	6, 67	0, 53

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″63 +		+ 5,″88 —	
10	3, 52	2,″89	4, 82	1,″06
20	6, 31	2, 79	3, 61	1, 21
1 0 7	8, 90	2, 59	2, 31	1, 30
10	11, 23	2, 33	+ 0, 91 —	1, 40
20	13, 22	1, 99	— 0, 50 +	1, 41
2 0 8	14, 80	1, 58	1, 91	1, 41
10	15, 93	1, 13	3, 23	1, 32
20	16, 57	0, 64	4, 46	1, 23
3 0 9	16, 72	0, 15	5, 58	1, 12
10	16, 35	0, 37	6, 53	0, 95
20	15, 50	0, 85	7, 26	0, 73
4 0 10	14, 18	1, 32	7, 77	0, 51
10	12, 40	1, 76	8, 04	0, 27
20	10, 27	2, 15	8, 08	0, 04
5 0 11	7, 81	2, 46	7, 88	0, 20
10	5, 12	2, 69	7, 43	0, 45
20	2, 28	2, 84	6, 75	0, 68

109 Virginis, in monte Maenali Heveliana. 4. 109

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	219° 1′ 39″		FLAMST 2°43′45″	
		+	BARRY 2 44 47	—
DE ZACH	219 2 7	45,″41	L. LAND. 2 44 47	15,″61

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″28 —		— 8,″51 +	
10	16, 25	1,″97	8, 25	0,″26
20	17, 73	1, 48	7, 73	0, 52
1 0 7	18, 67	0, 94	6, 98	0, 75
10	19, 04	0, 37	6, 03	0, 95
20	18, 82	0, 22	4, 90	1, 13
2 0 8	18, 04	0, 78	3, 58	1, 32
10	16, 72	1, 32	2, 20	1, 38
20	14, 89	1, 83	— 0, 74 +	1, 46
3 0 9	12, 60	2, 29	+ 0, 75 —	1, 49
10	9, 93	2, 67	2, 22	1, 47
20	6, 96	2, 97	3, 61	1, 39
4 0 10	3, 77	3, 19	4, 92	1, 31
10	+ 0, 49 —	3, 28	6, 05	1, 13
20	— 2, 83 +	3, 32	6, 99	0, 94
5 0 11	6, 06	3, 23	7, 73	0, 74
10	9, 10	3, 04	8, 24	0, 51
20	11, 87	2, 77	8, 50	0, 26

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″36 —		— 6,″01 +	
10	— 2, 45 +	2, 81	4, 96	1,″05
20	5, 19	2, 74	3, 75	1, 21
1 0 7	7, 75	2, 56	2, 44	1, 31
10	10, 08	2, 33	— 1, 04 +	1, 40
20	12, 13	2, 05	+ 0, 37 —	1, 41
2 0 8	13, 80	1, 67	1, 78	1, 41
10	15, 05	1, 25	3, 13	1, 35
20	15, 83	0, 78	4, 39	1, 26
3 0 9	16, 14	0, 31	5, 51	1, 12
10	15, 95	0, 19	6, 47	0, 96
20	15, 29	0, 66	7, 23	0, 76
4 0 10	14, 15	1, 14	7, 77	0, 54
10	12, 58	1, 57	8, 09	0, 32
20	10, 64	1, 94	8, 15	0, 06
5 0 11	8, 38	2, 26	7, 96	0, 19
10	5, 86	2, 52	7, 53	0, 43
20	3, 15	2, 71	6, 87	0, 66

4 Librae. 6. 4

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	217° 55′ 20″	+ 51,″52	CAILLE 24° 8′ 28″	+ 15,″86
DE ZACH	217 55 16		BARRY 24 8 10	
			L.LAND. 24 7 54	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 6	+ 15,″84 —		+ 2,″69 —	
10	17, 96	2,″12	3, 75	1,″06
20	19, 50	1, 54	4, 71	0, 96
1 0 7	20, 47	0, 97	5, 54	0, 83
10	20, 80	0, 34	6, 20	0, 66
20	20, 50	0, 30	6, 68	0, 48
2 0 8	19, 58	0, 92	6, 93	0, 25
10	18, 07	1, 51	6, 98	0, 05
20	16, 01	2, 06	6, 82	0, 16
3 0 9	13, 46	2, 55	6, 46	0, 36
10	10, 50	2, 96	5, 89	0, 57
20	7, 22	3, 28	5, 14	0, 75
4 0 10	3, 73	3, 49	4, 24	0, 90
10	+ 0, 11 —	3, 62	3, 21	1, 03
20	— 3, 51 +	3, 62	2, 09	1, 12
5 0 11	7, 01	3, 50	+ 0, 90 —	1, 19
10	10, 30	3, 29	— 0, 33 +	1, 23
20	13, 28	2, 98	1, 53	1, 20

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 6	— 3,″37 +		+ 5,″84 —	
10	6, 50	3,″13	4, 79	1,″05
20	9, 43	2, 93	3, 59	1, 20
1 0 7	12, 07	2, 64	2, 28	1, 31
10	14, 35	2, 28	+ 0, 89 —	1, 39
20	16, 19	1, 84	— 0, 53 +	1, 42
2 0 8	17, 55	1, 36	1, 94	1, 41
10	18, 36	0, 81	3, 27	1, 33
20	18, 61	0, 25	4, 50	1, 23
3 0 9	18, 30	0, 31	5, 59	1, 09
10	17, 44	0, 86	6, 52	0, 93
20	16, 05	1, 39	7, 24	0, 72
4 0 10	14, 16	1, 89	7, 74	0, 50
10	11, 85	2, 31	8, 03	0, 29
20	9, 18	2, 67	8, 07	0, 04
5 0 11	6, 23	2, 95	7, 86	0, 21
10	— 3, 10 +	3, 13	7, 41	0, 45
20	+ 0, 14 —	3, 24	6, 71	0, 70

6 Librae. 5. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
FLAMSTEED	219° 28′ 15″		FLAMST 27° 6′ 57″	
DE ZACH	219 27 47	+ 52,″52	BARRY 27 7 6	+ 15,″47

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♎ 0 0 6	+ 15,″88 —		+ 1,″72 —	
10	18, 12	2,″24	2, 94	1,″22
20	19, 81	1, 69	4, 07	1, 13
1 0 7	20, 90	1, 09	5, 06	0, 99
10	21, 37	0, 47	5, 89	0, 83
20	21, 17	0, 20	6, 53	0, 64
2 0 8	20, 32	0, 85	6, 98	0, 45
10	18, 87	1, 45	7, 21	0, 23
20	16, 84	2, 03	7, 23	0, 02
3 0 9	14, 32	2, 52	7, 02	0, 21
10	11, 35	2, 97	6, 61	0, 41
20	8, 03	3, 32	6, 01	0, 60
4 0 10	4, 47	3, 56	5, 19	0, 82
10	+ 0, 77 —	3, 70	4, 23	0, 96
20	— 2, 95 +	3, 72	3, 15	1, 08
5 0 11	6, 58	3, 63	1, 96	1, 19
10	10, 02	3, 44	+ 0, 71 —	1, 25
20	13, 16	3, 14	— 0, 53 +	1, 24

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♎ 0 0 6	— 3,″75 +		+ 6,″08 —	
10	6, 94	3,″19	5, 04	1,″04
20	9, 92	2, 98	3, 84	1, 20
1 0 7	12, 59	2, 67	2, 55	1, 29
10	14, 87	2, 28	+ 1, 14 —	1, 31
20	16, 70	1, 83	— 0, 28 +	1, 42
2 0 8	18, 04	1, 34	1, 69	1, 41
10	18, 83	0, 79	3, 04	1, 35
20	19, 04	0, 21	4, 33	1, 29
3 0 9	18, 66	0, 38	5, 47	1, 14
10	17, 33	0, 93	6, 46	0, 97
20	16, 25	1, 48	7, 24	0, 78
4 0 10	14, 28	1, 97	7, 77	0, 55
10	11, 88	2, 40	8, 10	0, 33
20	9, 12	2, 76	8, 18	0, 08
5 0 11	6, 02	3, 04	8, 00	0, 18
10	— 2, 86 +	3, 22	7, 58	0, 42
20	+ 0, 45 —	3, 31	6, 93	0, 65

μ Librae, duarum in ſumma forcipe vel chela bor. et obſcurior. 5. 7

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	219° 35′ 44″		CAILLE 13°18′33″	
BRADLEY	219 35 44		BRADL. 13 18 24	
TOB. MAYER	219 35 46		T. MAY. 13 18 12	
DE ZACH	219 35 34		BARRY 13 18 21	
		+ 49,″02	L.LAND. 13 18 14	+ 15,″48

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♈ 0 0 6	+ 14,″53 —		+ 5,″07 —	
10	16, 59	2,″06	5, 61	0,″54
20	18, 14	1, 56	5, 97	0, 36
1 0 7	19, 13	0, 99	6, 16	0, 19
10	19, 55	0, 42	6, 16	0, 00
20	19, 38	0, 17	5, 97	0, 19
2 0 8	18, 61	0, 77	5, 60	0, 37
10	17, 26	1, 35	5, 07	0, 53
20	15, 41	1, 85	4, 37	0, 70
3 0 9	13, 10	2, 31	3, 54	0, 83
10	10, 39	2, 71	2, 60	0, 94
20	7, 35	3, 04	1, 59	1, 01
4 0 10	4, 09	3, 26	+ 0, 53 —	1, 06
10	+ 0, 71 —	3, 38	— 0, 54 +	1, 07
20	— 2, 70 +	3, 41	1, 60	1, 06
5 0 11	6, 02	3, 32	2, 63	1, 03
10	9, 17	3, 15	3, 56	0, 93
20	12, 04	2, 87	4, 38	0, 82

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♈ 0 0 6	— 1,″74 +		+ 6,″07 —	
10	4, 74	3,″00	5, 03	1,″04
20	7, 60	2, 86	3, 83	1, 20
1 0 7	10, 22	2, 62	2, 53	1, 30
10	12, 53	2, 31	+ 1, 13 —	1, 40
20	14, 46	1, 93	— 0, 28 +	1, 41
2 0 8	15, 96	1, 50	1, 69	1, 41
10	16, 97	1, 01	3, 04	1, 35
20	17, 46	0, 49	4, 32	1, 28
3 0 9	17, 42	0, 04	5, 46	1, 14
10	16, 86	0, 56	6, 43	0, 97
20	15, 79	1, 07	7, 21	0, 78
4 0 10	14, 23	1, 56	7, 76	0, 55
10	12, 23	2, 00	8, 09	0, 33
20	9, 86	2, 37	8, 17	0, 08
5 0 11	7, 20	2, 66	7, 99	0, 18
10	4, 33	2, 87	7, 57	0, 42
20	1, 29	3, 04	6, 92	0, 65

1 ad α Librae. 6. 8

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	219° 54′ 51″	+ 49,″48	CAILLE 15° 8′18″	+ 15,″41
TOB. MAYER	219 54 51		T. MAY. 15 9 14	
MASKELYNE	219 54 41		BARRY 15 9 23	
			L.LAND. 15 9 14	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″59 —		+ 4,″63 —	
10	16, 66	2,″07	5, 26	0,″63
20	18, 25	1, 59	5, 72	0, 46
1 0 7	19, 28	1, 03	6, 01	0, 29
10	19, 72	0, 46	6, 12	0, 11
20	19, 56	0, 16	6, 04	0, 08
2 0 8	18, 80	0, 76	5, 77	0, 27
10	17, 47	1, 33	5, 34	0, 43
20	15, 62	1, 85	4, 75	0, 59
3 0 9	13, 28	2, 34	3, 99	0, 76
10	10, 56	2, 72	3, 14	0, 85
20	7, 51	3, 05	2, 20	0, 94
4 0 10	4, 23	3, 28	1, 18	1, 02
10	+ 0, 82 —	3, 41	+ 0, 10 —	1, 08
20	— 2, 62 +	3, 44	— 0, 97 +	1, 07
5 0 11	5, 98	3, 36	2, 00	1, 03
10	9, 16	3, 18	2, 98	0, 98
20	12, 05	2, 89	3, 86	0, 88

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″98 +		+ 6,″11 —	
10	5, 01	3,″03	5, 07	1,″04
20	7, 88	2, 87	3, 87	1, 20
1 0 7	10, 50	2, 62	2, 57	1, 30
10	12, 81	2, 31	+ 1, 18 —	1, 39
20	14, 74	1, 93	— 0, 24 +	1, 42
2 0 8	16, 22	1, 48	1, 65	1, 41
10	17, 21	0, 99	3, 01	1, 36
20	17, 66	0, 45	4, 29	1, 28
3 0 9	17, 58	0, 08	5, 43	1, 14
10	16, 97	0, 61	6, 41	0, 98
20	15, 85	1, 12	7, 19	0, 78
4 0 10	14, 24	1, 61	7, 75	0, 56
10	12, 19	2, 05	8, 08	0, 33
20	9, 79	2, 40	8, 16	0, 08
5 0 11	7, 09	2, 70	8, 00	0, 16
10	4, 16	2, 93	7, 61	0, 39
20	1, 10	3, 06	6, 95	0, 66

2 ad α Librae, auſtrina Lanx. 2. 9

	Ascens. rect. med.	Var. ann. Æ. med.
DE LA CAILLE	219° 57′ 37″	+ 49,″50
BRADLEY	219 57 42	
TOB. MAYER	219 57 43	
MASKELYNE	219 57 30	

	Declin. med. Auſt.	Var. ann. Decl. med.
LA CAILLE	15° 18′ 1″	+ 15,″40
BRADLEY	15 12 3	
T. MAYER	15 11 58	
MASKELYNE	15 12 0	
BARRY	15 18 4	
LA LANDE	15 11 53	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″57 —		+ 4,″62 —	
10	16, 64	2,″07	5, 23	0,″61
20	18, 25	1, 61	5, 69	0, 46
1 0 7	19, 27	1, 02	5, 99	0, 30
10	19, 72	0, 45	6, 10	0, 11
20	19, 56	0, 16	6, 03	0, 07
2 0 8	18, 82	0, 74	5, 78	0, 25
10	17, 49	1, 33	5, 34	0, 44
20	15, 65	1, 84	4, 74	0, 60
3 0 9	13, 32	2, 33	4, 01	0, 73
10	10, 59	2, 73	3, 16	0, 85
20	7, 54	3, 05	2, 20	0, 96
4 0 10	4, 26	3, 28	1, 17	1, 03
10	+ 0, 85 —	3, 41	+ 0, 12 —	1, 05
20	— 2, 59 +	3, 44	— 0, 93 +	1, 05
5 0 11	5, 95	3, 36	1, 96	1, 03
10	9, 13	3, 18	2, 94	0, 98
20	12, 02	2, 89	3, 84	0, 90

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″98 +		+ 6,″13 —	
10	5, 01	3,″03	5, 08	1,″05
20	7, 89	2, 88	3, 90	1, 18
1 0 7	10, 51	2, 62	2, 59	1, 31
10	12, 81	2, 30	+ 1, 20 —	1, 39
20	14, 73	1, 92	— 0, 22 +	1, 42
2 0 8	16, 22	1, 49	1, 64	1, 42
10	17, 21	0, 99	3, 01	1, 37
20	17, 67	0, 46	4, 29	1, 28
3 0 9	17, 59	0, 08	5, 44	1, 15
10	16, 98	0, 61	6, 43	0, 99
20	15, 85	1, 13	7, 22	0, 79
4 0 10	14, 24	1, 61	7, 78	0, 56
10	12, 19	2, 05	8, 11	0, 33
20	9, 79	2, 40	8, 19	0, 08
5 0 11	7, 09	2, 70	8, 03	0, 16
10	4, 16	2, 93	7, 63	0, 40
20	1, 09	3, 07	6, 98	0, 65

♎ Librae. 6. ♎

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	220° 9′ 51″	+ 46,″33	FLAMST 1°27′48″	+ 15,″36
DE ZACH	220 9 47		BARRY 1 27 25	
			L. LAND. 1 27 20	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	+ 14,″00 —		+ 7,″66 —	
10	16, 04	2,″04	7, 61	0,″05
20	17, 60	1, 56	7, 32	0, 29
♑ 1 0 7	18, 60	1, 00	6, 81	0, 51
10	19, 04	0, 44	6, 10	0, 71
20	18, 90	0, 14	5, 20	0, 90
♑ 2 0 8	18, 19	0, 71	4, 16	1, 04
10	16, 93	1, 26	2, 98	1, 18
20	15, 14	1, 79	1, 72	1, 26
♑ 3 0 9	12, 90	2, 24	+ 0, 39 —	1, 33
10	10, 28	2, 62	— 0, 94 +	1, 33
20	7, 35	2, 93	2, 26	1, 32
♑ 4 0 10	4, 18	3, 17	3, 49	1, 23
10	+ 0, 89 —	3, 29	4, 62	1, 13
20	— 2, 43 +	3, 32	5, 60	0, 98
♑ 5 0 11	5, 68	3, 25	6, 43	0, 83
10	8, 75	3, 07	7, 06	0, 63
20	11, 55	2, 80	7, 48	0, 42

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	— 0,″21 +		+ 6,″15 —	
10	3, 04	2,″83	5, 11	1,″04
20	5, 79	2, 75	3, 93	1, 18
♑ 1 0 7	8, 39	2, 60	2, 63	1, 30
10	10, 73	2, 34	+ 1, 23 —	1, 40
20	12, 73	2, 00	— 0, 19 +	1, 42
♑ 2 0 8	14, 35	1, 62	1, 61	1, 42
10	15, 54	1, 19	2, 98	1, 37
20	16, 25	0, 71	4, 27	1, 29
♑ 3 0 9	16, 47	0, 22	5, 42	1, 15
10	16, 18	0, 29	6, 42	1, 00
20	15, 41	0, 77	7, 20	0, 78
♑ 4 0 10	14, 17	1, 24	7, 76	0, 56
10	12, 49	1, 68	8, 11	0, 35
20	10, 44	2, 05	8, 21	0, 10
♑ 5 0 11	8, 07	2, 37	8, 05	0, 16
10	5, 47	2, 60	7, 64	0, 41
20	2, 68	2, 79	7, 00	0, 64

I ad ♎ Librae. 6. 13

	Ascens. rect. med.	Var. ann. ☊ med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	220° 53′ 17″	+ 48.″57	CAILLE	11° 4′ 30″
TOB. MAYER	220 53 16		T. MAY.	11 4 18
DE ZACH	220 53 4		BARRY	11 4 20
			L. LAND.	11 4 16
				+ 15.″19

Long. ☉	Aberratio in ☊.	Differ.	Aberratio in Decl.	Differ.
♑ 0 6	+ 14.″13 —		+ 5.″52 —	
10	16, 23	2,″10	5, 94	0,″42
20	17, 84	1, 61	6, 18	0, 24
		1, 07		0, 06
♑ 0 7	18, 91		6, 24	
10	19, 41	0, 50	6, 10	0, 14
20	19, 32	0, 09	5, 76	0, 34
		0, 70		0, 50
♑ 0 8	18, 62		5, 26	
10	17, 36	1, 26	4, 61	0, 65
20	15, 58	1, 78	3, 81	0, 80
		2, 25		0, 91
♑ 0 9	13, 33		2, 90	
10	10, 67	2, 66	1, 89	1, 01
20	7, 70	2, 97	+ 0, 83 —	1, 06
		3, 21	— 0, 25 +	1, 08
♑ 0 10	4, 49			
10	+ 1, 14 —	3, 35	1, 32	1, 07
20	— 2, 24 +	3, 38	2, 37	1, 05
		3, 31		0, 96
♑ 0 11	5, 55		3, 33	
10	8, 72	3, 17	4, 19	0, 86
20	11, 60	2, 88	4, 93	0, 74

Long. ☊	Nutatio in ☊.	Differ.	Nutatio in Decl.	Differ.
♑ 0 6	— 1,″41 +		+ 6,″22 —	
10	4, 39	2,″98	5, 20	1,″02
20	7, 24	2, 85	4, 02	1, 18
		2, 61		1, 30
♑ 0 7	9, 85		2, 72	
10	12, 16	2, 31	+ 1, 33 —	1, 39
20	14, 12	1, 96	— 0, 10 +	1, 43
		1, 53		1, 41
♑ 0 8	15, 65		1, 51	
10	16, 70	1, 05	2, 90	1, 39
20	17, 24	0, 54	4, 19	1, 29
		0, 02		1, 16
♑ 0 9	17, 26		5, 35	
10	16, 75	0, 51	6, 36	1, 01
20	15, 74	1, 01	7, 16	0, 80
		1, 50		0, 58
♑ 0 10	14, 24		7, 74	
10	12, 31	1, 93	8, 10	0, 36
20	9, 99	2, 32	8, 21	0, 11
		2, 61		0, 14
♑ 0 11	7, 38		8, 07	
10	4, 56	2, 82	7, 69	0, 38
20	1, 60	2, 96	7, 09	0, 60

2 ad ♎ Librae. 6. 15

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	221° 29′ 9″	+ 48.″48	CAILLE 10° 37′ 30″	+ 15,″05
BRADLEY	221 29 5		BRADL. 10 35 35	
TOB. MAYER	221 29 8		T. MAY. 10 35 32	
DE ZACH	221 28 54		BARRY 10 35 32	
			L.LAND. 10 35 26	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″98 —		+ 5,″59 —	
10	16, 11	2,″13	5, 99	0,″40
20	17, 75	1, 64	6, 20	0, 21
1 0 7	18, 85	1, 10	6, 23	0, 03
10	19, 38	0, 53	6, 06	0, 17
20	19, 32	0, 06	5, 70	0, 36
2 0 8	18, 67	0, 65	5, 18	0, 52
10	17, 45	1, 22	4, 50	0, 68
20	15, 71	1, 74	3, 68	0, 82
3 0 9	13, 48	2, 23	2, 75	0, 93
10	10, 85	2, 63	1, 74	1, 01
20	7, 90	2, 95	+ 0, 67 —	1, 07
4 0 10	4, 69	3, 21	— 0, 42 +	1, 09
10	+ 1, 34 —	3, 35	1, 49	1, 07
20	— 2, 04 +	3, 38	2, 52	1, 03
5 0 11	5, 36	3, 32	3, 48	0, 96
10	8, 53	3, 17	4, 32	0, 84
20	11, 43	2, 90	5, 03	0, 71

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″33 +		+ 6,″31 —	
10	4, 32	2,″99	5, 31	1,″00
20	7, 16	2, 84	4, 13	1, 18
1 0 7	9, 79	2, 63	2, 82	1, 31
10	12, 10	2, 31	+ 1, 42 —	1, 40
20	14, 05	1, 95	— 0, 02 +	1, 44
2 0 8	15, 59	1, 54	1, 44	1, 42
10	16, 65	1, 06	2, 82	1, 38
20	17, 20	0, 55	4, 14	1, 32
3 0 9	17, 23	0, 03	5, 32	1, 18
10	16, 74	0, 49	6, 34	1, 02
20	15, 74	1, 00	7, 18	0, 84
4 0 10	14, 25	1, 49	7, 79	0, 61
10	12, 34	1, 91	8, 15	0, 36
20	10, 06	2, 28	8, 27	0, 12
5 0 11	7, 48	2, 58	8, 14	0, 13
10	4, 64	2, 84	7, 76	0, 38
20	1, 68	2, 96	7, 14	0, 62

16 Librae. 5. 6. 16

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	221° 41′ 44″	+ 46,″82	FLAMST 3°31′39″	+ 15,″02
DE ZACH	221 41 11		BARRY 3 31 18	
			L. LAND. 3 31 14	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″73 —		+ 7,″43 —	
10	15, 84	2,″11	7, 42	0,″01
20	17, 46	1, 62	7, 19	0, 23
1 0 7	18, 54	1, 09	6, 75	0, 44
10	19, 09	0, 55	6, 11	0, 64
20	19, 04	0, 05	5, 28	0, 83
2 0 8	18, 39	0, 65	4, 29	0, 99
10	17, 21	1, 18	3, 16	1, 13
20	15, 52	1, 69	1, 94	1, 22
3 0 9	13, 34	2, 18	+ 0, 66 —	1, 28
10	10, 74	2, 60	— 0, 64 +	1, 30
20	7, 84	2, 90	1, 93	1, 29
4 0 10	4, 69	3, 15	3, 14	1, 21
10	+ 1, 39 —	3, 30	4, 26	1, 12
20	— 1, 94 +	3, 33	5, 26	1, 00
5 0 11	5, 21	3, 27	6, 11	0, 85
10	8, 33	3, 12	6, 77	0, 66
20	11, 20	2, 87	7, 21	0, 44

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″44 +		+ 6,″35 —	
10	3, 32	2,″88	5, 34	1,″01
20	6, 10	2, 78	4, 16	1, 18
1 0 7	8, 69	2, 59	2, 85	1, 31
10	11, 02	2, 33	1, 45	1, 40
20	13, 02	2, 00	+ 0, 02 —	1, 43
2 0 8	14, 63	1, 61	— 1, 41 +	1, 43
10	15, 78	1, 15	2, 80	1, 39
20	16, 46	0, 68	4, 11	1, 31
3 0 9	16, 64	0, 18	5, 29	1, 18
10	16, 31	0, 33	6, 32	1, 03
20	15, 49	0, 82	7, 15	0, 83
4 0 10	14, 19	1, 30	7, 76	0, 61
10	12, 46	1, 73	8, 14	0, 38
20	10, 36	2, 10	8, 27	0, 13
5 0 11	7, 94	2, 42	8, 14	0, 13
10	5, 28	2, 66	7, 76	0, 38
20	2, 46	2, 82	7, 15	0, 61

♌ Librae, obſcura praeced. lucidam in ſumma chela borea. 4. 19

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	222° 34′ 40″	+ 47,″84	CAILLE 7°43′ 3″	+ 14,″79
TOB. MAYER	222 34 45		T. MAY. 7 42 54	
DE ZACH	222 34 26		BARRY 7 42 54	
			L.LAND. 7 42 46	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″62 —		+ 6,″22 —	
10	15, 79	2,″17	6, 49	0,″27
20	17, 48	1, 69	6, 54	0, 06
1 0 7	18, 64	1, 16	6, 39	0, 15
10	19, 22	0, 58	6, 05	0, 34
20	19, 24	0, 02	5, 52	0, 53
2 0 8	18, 64	0, 60	4, 83	0, 69
10	17, 49	1, 15	3, 98	0, 85
20	15, 82	1, 67	3, 02	0, 96
3 0 9	13, 66	2, 16	1, 97	1, 05
10	11, 09	2, 57	+ 0, 86 —	1, 11
20	8, 18	2, 91	— 0, 28 +	1, 14
4 0 10	5, 03	3, 15	1, 41	1, 13
10	+ 1, 71 —	3, 32	2, 50	1, 09
20	— 1, 67 +	3, 38	3, 52	1, 02
5 0 11	4, 98	3, 31	4, 41	0, 89
10	8, 13	3, 15	5, 17	0, 76
20	11, 05	2, 92	5, 78	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″95 +		+ 6,″44 —	
10	3, 89	2,″94	5, 44	1,″00
20	6, 72	2, 83	4, 28	1, 16
1 0 7	9, 32	2, 61	2, 96	1, 32
10	11, 65	2, 33	1, 57	1, 39
20	13, 63	1, 98	+ 0, 15 —	1, 42
2 0 8	15, 20	1, 57	— 1, 29 +	1, 44
10	16, 31	1, 11	2, 69	1, 40
20	16, 91	0, 60	4, 01	1, 32
3 0 9	17, 00	0, 09	5, 22	1, 21
10	16, 58	0, 42	6, 25	1, 03
20	15, 65	0, 93	7, 11	0, 86
4 0 10	14, 25	1, 40	7, 74	0, 63
10	12, 41	1, 84	8, 14	0, 40
20	10, 20	2, 21	8, 29	0, 15
5 0 11	7, 69	2, 51	8, 19	0, 10
10	4, 93	2, 76	7, 84	0, 35
20	2, 03	2, 90	7, 25	0, 59

16 Librae. 5. 6. 16

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	221° 41′ 44″	+ 46,″82	FLAMST 3°31′39″	+ 15,″02
DE ZACH	221 41 11		BARRY 3 31 18	
			L. LAND. 3 31 14	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″73 —		+ 7,″43 —	
10	15, 84	2,″11	7, 42	0,″01
20	17, 46	1, 62	7, 19	0, 23
1 0 7	18, 54	1, 09	6, 75	0, 44
10	19, 09	0, 55	6, 11	0, 64
20	19, 04	0, 05	5, 28	0, 83
2 0 8	18, 39	0, 65	4, 29	0, 99
10	17, 21	1, 18	3, 16	1, 13
20	15, 52	1, 69	1, 94	1, 22
3 0 9	13, 34	2, 18	+ 0, 66 —	1, 28
10	10, 74	2, 60	— 0, 64 +	1, 30
20	7, 84	2, 90	1, 93	1, 29
4 0 10	4, 69	3, 15	3, 14	1, 21
10	+ 1, 39 —	3, 30	4, 26	1, 12
20	— 1, 94 +	3, 33	5, 26	1, 00
5 0 11	5, 21	3, 27	6, 11	0, 85
10	8, 33	3, 12	6, 77	0, 66
20	11, 20	2, 87	7, 21	0, 44

Long.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″44 +		+ 6,″35 —	
10	3, 32	2,″88	5, 34	1,″01
20	6, 10	2, 78	4, 16	1, 18
1 0 7	8, 69	2, 59	2, 85	1, 31
10	11, 02	2, 33	1, 45	1, 40
20	13, 02	2, 00	+ 0, 02 —	1, 43
2 0 8	14, 63	1, 61	— 1, 41 +	1, 43
10	15, 78	1, 15	2, 80	1, 39
20	16, 46	0, 68	4, 11	1, 31
3 0 9	16, 64	0, 18	5, 29	1, 18
10	16, 31	0, 33	6, 32	1, 03
20	15, 49	0, 82	7, 15	0, 83
4 0 10	14, 19	1, 30	7, 76	0, 61
10	12, 46	1, 73	8, 14	0, 38
20	10, 36	2, 10	8, 27	0, 13
5 0 11	7, 94	2, 42	8, 14	0, 13
10	5, 28	2, 66	7, 76	0, 38
20	2, 46	2, 82	7, 15	0, 61

♃ Librae, obſcura praeced. lucidam in ſumma chela borea. 4. 19

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	222° 34′ 40″	+ 47,″84	CAILLE 7°43′ 3″	+ 14,″79
TOB. MAYER	222 34 45		T. MAY. 7 42 54	
DE ZACH	222 34 26		BARRY 7 42 54	
			L.LAND. 7 42 46	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″62 —		+ 6,″22 —	
10	15, 79	2,″17	6, 49	0,″27
20	17, 48	1, 69	6, 54	0, 06
1 0 7	18, 64	1, 16	6, 39	0, 15
10	19, 22	0, 58	6, 05	0, 34
20	19, 24	0, 02	5, 52	0, 53
2 0 8	18, 64	0, 60	4, 83	0, 69
10	17, 49	1, 15	3, 98	0, 85
20	15, 82	1, 67	3, 02	0, 96
3 0 9	13, 66	2, 16	1, 97	1, 05
10	11, 09	2, 57	+ 0, 86 —	1, 11
20	8, 18	2, 91	— 0, 28 +	1, 14
4 0 10	5, 03	3, 15	1, 41	1, 13
10	+ 1, 71 —	3, 32	2, 50	1, 09
20	— 1, 67 +	3, 38	3, 52	1, 02
5 0 11	4, 98	3, 31	4, 41	0, 89
10	8, 13	3, 15	5, 17	0, 76
20	11, 05	2, 92	5, 78	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″95 +		+ 6,″44 —	
10	3, 89	2,″94	5, 44	1,″00
20	6, 72	2, 83	4, 28	1, 16
1 0 7	9, 32	2, 61	2, 96	1, 32
10	11, 65	2, 33	1, 57	1, 39
20	13, 63	1, 98	+ 0, 15 —	1, 42
2 0 8	15, 20	1, 57	— 1, 29 +	1, 44
10	16, 31	1, 11	2, 69	1, 40
20	16, 91	0, 60	4, 01	1, 32
3 0 9	17, 00	0, 09	5, 22	1, 21
10	16, 58	0, 42	6, 25	1, 03
20	15, 65	0, 93	7, 11	0, 86
4 0 10	14, 25	1, 40	7, 74	0, 63
10	12, 41	1, 84	8, 14	0, 40
20	10, 20	2, 21	8, 29	0, 15
5 0 11	7, 69	2, 51	8, 19	0, 10
10	4, 93	2, 76	7, 84	0, 35
20	2, 03	2, 90	7, 25	0, 59

16 Librae. 5. 6. 16

	A scens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	221° 41′ 44″	+ 6,″82	FLAMST 3°31′39″	+ 15,″02
DE ZACH	221 41 11		BARRY 3 31 18	
			L. LAND. 3 31 14	

Long. ☉	Aberratio in Æ.	Diff.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″73 —		+ 7,″43 —	
10	15, 84	2,″11	7, 42	0,″01
20	17, 46	1, 62	7, 19	0, 23
1 0 7	18, 54	1, 09	6, 75	0, 44
10	19, 09	0, 55	6, 11	0, 64
20	19, 04	0, 05	5, 28	0, 83
2 0 8	18, 39	0, 65	4, 29	0, 99
10	17, 21	1, 18	3, 16	1, 13
20	15, 52	1, 69	1, 94	1, 22
3 0 9	13, 34	2, 18	+ 0, 66 —	1, 28
10	10, 74	2, 60	— 0, 64 +	1, 30
20	7, 84	2, 90	1, 93	1, 29
4 0 10	4, 69	3, 15	3, 14	1, 21
10	+ 1, 39 —	3, 30	4, 26	1, 12
20	— 1, 94 +	3, 33	5, 26	1, 00
5 0 11	5, 21	3, 27	6, 11	0, 85
10	8, 33	3, 12	6, 77	0, 66
20	11, 20	2, 87	7, 21	0, 44

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″44 +		+ 6,″35 —	
10	3, 32	2,″88	5, 34	1,″01
20	6, 10	2, 78	4, 16	1, 18
1 0 7	8, 69	2, 59	2, 85	1, 31
10	11, 02	2, 33	1, 45	1, 40
20	13, 02	2, 00	+ 0, 02 —	1, 43
2 0 8	14, 63	1, 61	— 1, 41 +	1, 43
10	15, 78	1, 15	2, 80	1, 39
20	16, 46	0, 68	4, 11	1, 31
3 0 9	16, 64	0, 18	5, 29	1, 18
10	16, 31	0, 33	6, 32	1, 03
20	15, 49	0, 82	7, 15	0, 83
4 0 10	14, 19	1, 30	7, 76	0, 61
10	12, 46	1, 73	8, 14	0, 38
20	10, 36	2, 10	8, 27	0, 13
5 0 11	7, 94	2, 42	8, 14	0, 13
10	5, 28	2, 66	7, 76	0, 38
20	2, 46	2, 82	7, 15	0, 61

♎ Librae, obſcura praeced. lucidam in ſumma chela borea. 4. 19

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	222° 34′ 40″	+ 47,″84	CAILLE 7°43′ 3″	+ 14,″79
TOB. MAYER	222 34 45		T. MAY. 7 42 54	
DE ZACH	222 34 26		BARRY 7 42 54	
			L.LAND. 7 42 46	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♎ 0 0 6	+ 13,″62 —		+ 6,″22 —	
10	15, 79	2,″17	6, 49	0,″27
20	17, 48	1, 69	6, 54	0, 06
♎ 1 0 7	18, 64	1, 16	6, 39	0, 15
10	19, 22	0, 58	6, 05	0, 34
20	19, 24	0, 02	5, 52	0, 53
♎ 2 0 8	18, 64	0, 60	4, 83	0, 69
10	17, 49	1, 15	3, 98	0, 85
20	15, 82	1, 67	3, 02	0, 96
♎ 3 0 9	13, 66	2, 16	1, 97	1, 05
10	11, 09	2, 57	+ 0, 86 —	1, 11
20	8, 18	2, 91	— 0, 28 +	1, 14
♎ 4 0 10	5, 03	3, 15	1, 41	1, 13
10	+ 1, 71 —	3, 32	2, 50	1, 09
20	— 1, 67 +	3, 38	3, 52	1, 02
♎ 5 0 11	4, 98	3, 31	4, 41	0, 89
10	8, 13	3, 15	5, 17	0, 76
20	11, 05	2, 92	5, 78	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♎ 0 0 6	— 0,″95 +		+ 6,″44 —	
10	3, 89	2,″94	5, 44	1,″00
20	6, 72	2, 83	4, 28	1, 16
♎ 1 0 7	9, 32	2, 61	2, 96	1, 32
10	11, 65	2, 33	1, 57	1, 39
20	13, 63	1, 98	+ 0, 15 —	1, 42
♎ 2 0 8	15, 20	1, 57	— 1, 29 +	1, 44
10	16, 31	1, 11	2, 69	1, 40
20	16, 91	0, 60	4, 01	1, 32
♎ 3 0 9	17, 00	0, 09	5, 22	1, 21
10	16, 58	0, 42	6, 25	1, 03
20	15, 65	0, 93	7, 11	0, 86
♎ 4 0 10	14, 25	1, 40	7, 74	0, 63
10	12, 41	1, 84	8, 14	0, 40
20	10, 20	2, 21	8, 29	0, 15
♎ 5 0 11	7, 69	2, 51	8, 19	0, 10
10	4, 93	2, 76	7, 84	0, 35
20	2, 03	2, 90	7, 25	0, 59

γ Librae, praeced. trium auſtr ipſa forcipe auſtralior Scorpii. 3. 20

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	223° 6′ 0″	+ 52,″23	CAILLE 24° 29′ 7″	+ 14.″67
TOB. MAYER	223 6 0		T. MAY. 24 29 0	
DE LAMBRE	223 5 55		BARRY 24 29 3	
DE ZACH	223 5 50		L.LAND. 24 29 2	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 14,″70 —		+ 2,″06 —	
10	17, 10	2,″40	3, 08	1,″02
20	18, 96	1, 86	4, 01	0, 93
1 0 7	20, 25	1, 29	4, 81	0, 80
10	20, 93	0, 68	5, 46	0, 65
20	20, 97	0, 04	5, 95	0, 49
2 0 8	20, 36	0, 61	6, 25	0, 30
10	19, 13	1, 23	6, 37	0, 12
20	17, 33	1, 89	6, 30	0, 07
3 0 9	15, 01	2, 32	6, 05	0, 25
10	12, 23	2, 78	5, 61	0, 44
20	9, 11	3, 12	4, 98	0, 63
4 0 10	5, 65	3, 46	4, 20	0, 78
10	+ 2, 04 —	3, 61	3, 31	0, 89
20	— 1, 60 +	3, 64	2, 30	1, 01
5 0 11	5, 24	3, 64	1, 25	1, 05
10	8, 69	3, 45	+ 0, 13 —	1, 12
20	11, 89	3, 20	— 0, 98 +	1, 11

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″17 +		+ 6,″52 —	
10	6, 35	3,″18	5, 53	0,″99
20	9, 34	2, 99	4, 35	1, 18
1 0 7	12, 04	2, 70	3, 05	1, 30
10	14, 36	2, 32	1, 64	1, 41
20	16, 25	1, 89	+ 0, 22 —	1, 42
2 0 8	17, 65	1, 40	— 1, 24 +	1, 46
10	18, 53	0, 88	2, 63	1, 39
20	18, 83	0, 30	3, 96	1, 33
3 0 9	18, 56	0, 27	5, 18	1, 22
10	17, 72	0, 84	6, 22	1, 04
20	16, 36	1, 36	7, 10	0, 86
4 0 10	14, 48	1, 87	7, 73	0, 65
10	12, 18	2, 31	8, 16	0, 43
20	9, 51	2, 67	8, 32	0, 16
5 0 11	6, 54	2, 97	8, 23	0, 09
10	3, 37	3, 17	7, 89	0, 34
20	0, 10	3, 27	7, 31	0, 58

I ad ν Librae, praecedit in auſtrina forcipe. 5. 21

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	223° 52′ 32″	+ 49,″85	CAILLE 15°28′25″	+ 14,″48
BRADLEY	223 52 33		BRADL. 15 28 16	
TOB. MAYER	223 52 31		T. MAY. 15 28 10	
DE ZACH	223 52 19		BARRY 15 28 14	
			L.LAND. 15 28 5	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	+ 13,″71 —		+ 4,″29 —	
10	16, 00	2,″89	4, 90	0,″61
20	17, 82	1, 82	5, 39	0, 49
♑ 1 0 7	19, 08	1, 26	5, 64	0, 25
10	19, 77	0, 69	5, 75	0, 11
20	19, 85	0, 08	5, 69	0, 06
♑ 2 0 8	19, 32	0, 53	5, 47	0, 22
10	18, 20	1, 12	5, 08	0, 39
20	16, 54	1, 66	4, 52	0, 56
♑ 3 0 9	14, 39	2, 15	3, 84	0, 68
10	11, 80	2, 59	3, 04	0, 80
20	8, 84	2, 96	2, 14	0, 90
♑ 4 0 10	5, 61	3, 23	1, 18	0, 96
10	+ 2, 21 —	3, 40	+ 0, 19 —	0, 99
20	— 1, 27 +	3, 48	— 0, 81 +	1, 00
♑ 5 0 11	4, 67	3, 40	1, 80	0, 99
10	7, 97	3, 20	2, 72	0, 92
20	11, 02	3, 05	3, 56	0, 84

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	— 1,″90 +		+ 6,″61 —	
10	4, 95	3,″05	5, 63	0,″98
20	7, 85	2, 90	4, 47	1, 16
♑ 1 0 7	10, 50	2, 65	3, 16	1, 31
10	12, 84	2, 34	1, 77	1, 39
20	14, 78	1, 94	+ 0, 33 —	1, 44
♑ 2 0 8	16, 29	1, 51	— 1, 12 +	1, 45
10	17, 30	1, 01	2, 53	1, 41
20	17, 77	0, 47	3, 88	1, 35
♑ 3 0 9	17, 71	0, 06	5, 10	1, 22
10	17, 11	0, 60	6, 15	1, 05
20	16, 00	1, 11	7, 03	0, 88
♑ 4 0 10	14, 39	1, 61	7, 71	0, 68
10	12, 34	2, 05	8, 15	0, 44
20	10, 00	2, 42	8, 34	0, 19
♑ 5 0 11	7, 21	2, 71	8, 27	0, 07
10	4, 28	2, 92	7, 94	0, 33
20	1, 22	3, 06	7, 38	0, 56

1. ad 1 Librae, in medio auſtrinae forcipis. 3. 4. 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	225° 12′ 46″		CAILLE 19° 1′ 25″	
BRADLEY	225 12 46		BRADL. 19 1 26	
TOB. MAYER	225 12 47		T. MAY. 19 1 19	
DE ZACH	225 12 33		BARRY 19 1 26	
		+ 50,″90	L. LAND. 19 1 15	+ 14,″17

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
☊ 0 0 6	+ 13,″59 —		+ 3,″30 —	
10	16, 00	2,″41	4, 04	0,″74
20	17, 93	1, 93	4, 67	0, 63
1 0 7	19, 33	1, 40	5, 16	0, 49
10	20, 13	0, 80	5, 49	0, 33
20	20, 31	0, 18	5, 66	0, 17
2 0 8	19, 88	0, 43	5, 64	0, 02
10	18, 86	1, 02	5, 44	0, 20
20	17, 27	1, 59	5, 08	0, 36
3 0 9	15, 14	2, 13	4, 59	0, 49
10	12, 54	2, 60	3, 96	0, 63
20	9, 56	2, 98	3, 20	0, 76
4 0 10	6, 30	3, 26	2, 33	0, 87
10	+ 2, 85 —	3, 45	1, 39	0, 94
20	— 0, 69 +	3, 54	+ 0, 43 —	0, 96
5 0 11	4, 20	3, 51	— 0, 56 +	0, 99
10	7, 58	3, 38	1, 52	0, 96
20	10, 75	3, 17	2, 45	0, 92

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☊ 0 0 6	— 2,″30 +		+ 6,″80 —	
10	5, 41	3,″11	5, 84	0,″96
20	8, 36	2, 95	4, 70	1, 14
1 0 7	11, 04	2, 68	3, 41	1, 29
10	13, 39	2, 35	2, 01	1, 40
20	15, 34	1, 95	+ 0, 57 —	1, 44
2 0 8	16, 82	1, 48	— 0, 88 +	1, 45
10	17, 79	0, 97	2, 32	1, 44
20	18, 22	0, 43	3, 70	1, 38
3 0 9	18, 09	0, 13	4, 96	1, 26
10	17, 42	0, 67	6, 06	1, 10
20	16, 23	1, 19	6, 97	0, 91
4 0 10	14, 52	1, 71	7, 68	0, 71
10	12, 38	2, 14	8, 17	0, 49
20	9, 88	2, 50	8, 41	0, 24
5 0 11	7, 07	2, 81	8, 38	0, 03
10	4, 04	3, 03	8, 09	0, 29
20	0, 86	3, 18	7, 55	0, 54

26 Librae. 6. 26

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	225° 50′ 22″	+ 50,″39	FLAMST 16° 59′ 58″	+ 14,″02
DE ZACH	225 49 22		BARRY 17 0 38	
			L.LAND. 17 0 30	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″38 —		+ 3,″78 —	
10	15, 77	2,″39	4, 43	0,″65
20	17, 69	1, 92	4, 95	0, 52
1 0 7	19, 08	1, 39	5, 32	0, 37
10	19, 89	0, 81	5, 52	0, 20
20	20, 09	0, 20	5, 55	0, 03
2 0 8	19, 67	0, 42	5, 42	0, 13
10	18, 67	1, 00	5, 13	0, 29
20	17, 11	1, 56	4, 68	0, 45
3 0 9	15, 01	2, 10	4, 08	0, 60
10	12, 44	2, 57	3, 36	0, 72
20	9, 51	2, 93	2, 55	0, 81
4 0 10	6, 31	3, 20	1, 65	0, 90
10	+ 2, 88 —	3, 43	+ 0, 70 —	0, 95
20	— 0, 62 +	3, 50	— 0, 27 +	0, 97
5 0 11	4, 08	3, 46	1, 24	0, 97
10	7, 44	3, 36	2, 16	0, 92
20	10, 57	3, 13	3, 02	0, 86

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″03 +		+ 6,″83 —	
10	5, 12	3,″09	5, 87	0,″96
20	8, 05	2, 93	4, 73	1, 14
1 0 7	10, 73	2, 68	3, 43	1, 30
10	13, 07	2, 34	2, 04	1, 39
20	15, 02	1, 95	+ 0, 60 —	1, 44
2 0 8	16, 52	1, 50	— 0, 87 +	1, 47
10	17, 53	1, 01	2, 31	1, 44
20	17, 98	0, 47	3, 69	1, 38
3 0 9	17, 91	0, 07	4, 95	1, 26
10	17, 28	0, 63	6, 06	1, 11
20	16, 13	1, 15	6, 98	0, 92
4 0 10	14, 49	1, 64	7, 69	0, 71
10	12, 41	2, 08	8, 17	0, 48
20	9, 95	2, 46	8, 41	0, 24
5 0 11	7, 19	2, 76	8, 39	0, 02
10	4, 22	2, 97	8, 11	0, 28
20	1, 11	3, 11	7, 58	0, 53

β Librae, duarum lucid. in summa forc. bor.

Lanx borea. 2. 27

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	226° 34′ 1″		CAILLE 8° 38′ 2″	
BRADLEY	226 34 6		BRADL. 8 38 6	
TOB. MAYER	226 34 9		T. MAY. 8 38 2	
DE LAMBRE	226 33 56	+	BARRY 8 38 1	+
DE ZACH	226 33 53	48,″21	L. LAND. 8 37 58	13,″82

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♎ 0 0 6	+ 12,″77 —		+ 5,″87 —	
10	15, 11	2,″34	6, 15	0,″28
20	17, 01	1, 90	6, 24	0, 09
1 0 7	18, 39	1, 38	6, 13	0, 11
10	19, 21	0, 82	5, 83	0, 30
20	19, 47	0, 26	5, 35	0, 48
2 0 8	19, 11	0, 36	4, 72	0, 63
10	18, 17	0, 94	3, 95	0, 77
20	16, 69	1, 48	3, 05	0, 90
3 0 9	14, 71	1, 98	2, 06	0, 99
10	12, 26	2, 45	+ 1, 00 —	1, 06
20	9, 45	2, 81	— 0, 08 +	1, 08
4 0 10	6, 36	3, 09	1, 16	1, 08
10	+ 3, 05 —	3, 31	2, 20	1, 04
20	— 0, 32 +	3, 37	3, 19	0, 99
5 0 11	3, 68	3, 36	4, 07	0, 88
10	6, 96	3, 28	4, 82	0, 75
20	10, 02	3, 06	5, 43	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♎ 0 0 6	— 1,″00 +		+ 6,″91 —	
10	3, 95	2,″95	5, 97	0,″94
20	6, 80	2, 85	4, 84	1, 13
1 0 7	9, 42	2, 62	3, 55	1, 29
10	11, 76	2, 34	2, 15	1, 40
20	13, 76	2, 00	+ 0, 71 —	1, 44
2 0 8	15, 34	1, 58	— 0, 74 +	1, 45
10	16, 44	1, 10	2, 19	1, 45
20	17, 04	0, 60	3, 59	1, 40
3 0 9	17, 13	0, 09	4, 88	1, 29
10	16, 70	0, 43	6, 00	1, 12
20	15, 76	0, 94	6, 94	0, 94
4 0 10	14, 34	1, 42	7, 67	0, 73
10	12, 48	1, 86	8, 17	0, 50
20	10, 25	2, 23	8, 43	0, 26
5 0 11	7, 70	2, 55	8, 43	0, 00
10	4, 93	2, 77	8, 17	0, 26
20	2, 02	2, 91	7, 66	0, 51

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	227° 27′ 59″		CAILLE 14°49′ 2″	
TOB. MAYER	227 27 59		T. MAY. 14 48 57	
DE ZACH	227 27 53		BARRY 14 48 57	
		+ 49,″91	L.LAND. 14 48 49	+ 13,″59

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″83 —		+ 4,″25 —	
10	15, 29	2,″46	4, 79	0,″54
20	17, 28	1, 99	5, 18	0, 39
1 0 7	18, 73	1, 45	5, 40	0, 22
10	19, 62	0, 89	5, 46	0, 06
20	19, 92	0, 30	5, 36	0, 10
2 0 8	19, 61	0, 31	5, 11	0, 25
10	18, 72	0, 89	4, 69	0, 42
20	17, 25	1, 47	4, 13	0, 56
3 0 9	15, 25	2, 00	3, 45	0, 68
10	12, 79	2, 46	2, 67	0, 78
20	9, 96	2, 83	1, 79	0, 88
4 0 10	6, 82	3, 14	+ 0, 87 —	0, 92
10	+ 3, 44 —	3, 38	— 0, 07 +	0, 94
20	— 0, 01 +	3, 45	1, 02	0, 95
5 0 11	3, 44	3, 43	1, 96	0, 94
10	6, 82	3, 38	2, 81	0, 85
20	9, 98	3, 16	3, 59	0, 78

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″71 +		+ 7,″02 —	
10	4, 76	3,″05	6, 08	0,″94
20	7, 67	2, 91	4, 97	1, 11
1 0 7	10, 34	2, 67	3, 67	1, 30
10	12, 71	2, 37	2, 29	1, 38
20	14, 68	1, 97	+ 0, 84 —	1, 45
2 0 8	16, 21	1, 53	— 0, 63 +	1, 47
10	17, 26	1, 05	2, 09	1, 46
20	17, 78	0, 52	3, 49	1, 40
3 0 9	17, 74	0, 04	4, 79	1, 30
10	17, 17	0, 57	5, 94	1, 15
20	16, 08	1, 09	6, 90	0, 96
4 0 10	14, 51	1, 57	7, 65	0, 75
10	12, 50	2, 01	8, 17	0, 52
20	10, 10	2, 40	8, 46	0, 29
5 0 11	7, 38	2, 72	8, 48	0, 02
10	4, 45	2, 93	8, 24	0, 24
20	1, 40	3, 05	7, 75	0, 49

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	228° 20′ 45″		CAILLE 9°35′27″	
TOB. MAYER	228 20 47		T. MAY. 9 35 34	
DE ZACH	228 20 31		BARRY 9 35 35	
		+ 48,″53	L. LAND. 9 35 24	+ 13,″36

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	+ 12,″38 —		+ 5,″56 —	
10	14, 82	2,″44	5, 87	0,″31
20	16, 81	1, 99	6, 00	0, 13
1 0 7	18, 29	1, 48	5, 94	0, 06
10	19, 21	0, 92	5, 70	0, 24
20	19, 55	0, 34	5, 27	0, 43
2 0 8	19, 31	0, 24	4, 70	0, 57
10	18, 47	0, 84	3, 99	0, 71
20	17, 07	1, 40	3, 15	0, 84
3 0 9	15, 15	1, 92	2, 21	0, 94
10	12, 76	2, 39	1, 21	1, 00
20	9, 99	2, 77	+ 0, 17 —	1, 04
4 0 10	6, 92	3, 07	— 0, 87 +	1, 04
10	3, 64	3, 28	1, 88	1, 01
20	+ 0, 25 —	3, 39	2, 85	0, 97
5 0 11	— 3, 14 +	3, 39	3, 72	0, 87
10	6, 46	3, 32	4, 48	0, 76
20	9, 55	3, 09	5, 10	0, 62

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	— 1,″07 +		+ 7,″10 —	
10	4, 05	2,″98	6, 19	0,″91
20	6, 91	2, 86	5, 08	1, 11
1 0 7	9, 55	2, 64	3, 79	1, 29
10	11, 90	2, 35	2, 41	1, 38
20	13, 90	2, 00	+ 0, 95 —	1, 46
2 0 8	15, 47	1, 57	— 0, 52 +	1, 47
10	16, 58	1, 11	2, 00	1, 48
20	17, 17	0, 59	3, 42	1, 42
3 0 9	17, 24	0, 07	4, 74	1, 32
10	16, 79	0, 45	5, 90	1, 16
20	15, 84	0, 95	6, 87	0, 97
4 0 10	14, 40	1, 44	7, 64	0, 77
10	12, 52	1, 88	8, 18	0, 54
20	10, 27	2, 25	8, 49	0, 31
5 0 11	7, 70	2, 57	8, 53	0, 04
10	4, 90	2, 80	8, 30	0, 23
20	1, 94	2, 96	7, 82	0, 48

1 ad ♌ Librae. 6. 32

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aut.	Var. ann. Decl. med.
DE LA CAILLE	229° 15′ 0″	+ 50,″35	CAILLE 16°0′21″	+ 13,″13
TOB. MAYER	229 15 1		T. MAY. 16 0 24	
DE ZACH	229 14 53		BARRY 16 0 18	
			L. LAND. 16 0 23	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″45 —		+ 3,″83 —	
10	15, 01	2,″56	4, 39	0,″56
20	11, 11	2, 10	4, 82	0, 43
1 0 7	18, 67	1, 56	5, 12	0, 30
10	19, 67	1, 00	5, 25	0, 13
20	20, 08	0, 41	5, 21	0, 04
2 0 8	19, 88	0, 20	5, 02	0, 19
10	19, 06	0, 82	4, 68	0, 34
20	17, 66	1, 40	4, 20	0, 48
3 0 9	15, 74	1, 92	3, 59	0, 61
10	13, 35	2, 39	2, 87	0, 72
20	10, 54	2, 81	2, 07	0, 80
4 0 10	7, 41	3, 13	1, 19	0, 88
10	4, 06	3, 35	+ 0, 29 —	0, 90
20	+ 0, 58 —	3, 48	— 0, 62 +	0, 91
5 0 11	— 2, 92 +	3, 50	1, 52	0, 90
10	6, 34	3, 42	2, 36	0, 84
20	9, 54	3, 20	3, 14	0, 78

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″79 +		+ 7,″21 —	
10	4, 87	3,″08	6, 31	0,″90
20	7, 81	2, 94	5, 20	1, 11
1 0 7	10, 50	2, 69	3, 92	1, 28
10	12, 87	2, 37	2, 55	1, 37
20	14, 85	1, 98	+ 1, 08 —	1, 47
2 0 8	16, 39	1, 54	— 0, 40 +	1, 48
10	17, 43	1, 04	1, 88	1, 48
20	17, 93	0, 50	3, 30	1, 42
3 0 9	17, 89	0, 04	4, 64	1, 34
10	17, 31	0, 58	5, 83	1, 19
20	16, 21	1, 10	6, 83	1, 00
4 0 10	14, 61	1, 60	7, 63	0, 80
10	12, 55	2, 06	8, 19	0, 56
20	10, 11	2, 14	8, 51	0, 32
5 0 11	7, 39	2, 72	8, 57	0, 06
10	4, 45	2, 94	8, 37	0, 20
20	1, 35	3, 10	7, 92	0, 45

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	230° 24′ 45″		CAILLE 16° 9′ 55″	
BRADLEY	230 25 39		BRADL. 16 9 46	
TOB. MAYER	230 24 43		T. MAY. 16 9 44	
DE ZACH	230 24 33		BARRY 16 9 50	
		+ 50,″48	L.LAND. 16 9 39	12,″82

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″05 —		+ 3,″73 —	
10	14, 68	2,″63	4, 30	0,″57
20	16, 85	2, 17	4, 73	0, 43
1 0 7	18, 51	1, 66	5, 01	0, 28
10	19, 61	1, 10	5, 14	0, 13
20	20, 12	0, 51	5, 12	0, 02
2 0 8	20, 03	0, 09	4, 94	0, 18
10	19, 31	0, 72	4, 61	0, 33
20	18, 01	1, 30	4, 14	0, 47
3 0 9	16, 17	1, 84	3, 56	0, 58
10	13, 82	2, 35	2, 86	0, 70
20	11, 06	2, 76	2, 06	0, 80
4 0 10	7, 98	3, 08	1, 21	0, 85
10	4, 65	3, 33	+ 0, 32 —	0, 89
20	+ 1, 17 —	3, 48	— 0, 57 +	0, 89
5 0 11	— 2, 35 +	3, 52	1, 46	0, 89
10	5, 78	3, 43	2, 29	0, 83
20	9, 05	3, 27	3, 05	0, 76

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″76 +		+ 7,″39 —	
10	4, 84	3,″08	6, 50	0,″89
20	7, 80	2, 96	5, 42	1, 08
1 0 7	10, 50	2, 70	4, 17	1, 25
10	12, 88	2, 38	2, 79	1, 38
20	14, 88	2, 00	+ 1, 33 —	1, 46
2 0 8	16, 42	1, 54	— 0, 17 +	1, 50
10	17, 47	1, 05	1, 65	1, 48
20	17, 99	0, 52	3, 10	1, 45
3 0 9	17, 95	0, 04	4, 45	1, 35
10	17, 38	0, 57	5, 67	1, 22
20	16, 28	1, 10	6, 72	1, 05
4 0 10	14, 67	1, 61	7, 56	0, 84
10	12, 62	2, 05	8, 16	0, 60
20	10, 20	2, 42	8, 53	0, 37
5 0 11	7, 47	2, 73	8, 64	0, 11
10	4, 50	2, 97	8, 48	0, 16
20	1, 39	3, 11	8, 05	0, 43

37 Librae. 6.

37

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
FLAMSTEED	230° 48′ 23″	+ 48,″56	FLAMST 9°21′45″	+ 12,″72
DE ZACH	230 48 52		BARRY 9 22 1	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″76 —		+ 5,″57 —	
10	14, 30	2,″54	5, 84	0,″27
20	16, 41	2, 11	5, 93	0, 09
1 0 7	18, 03	1, 62	5, 85	0, 08
10	19, 10	1, 07	5, 59	0, 26
20	19, 58	0, 48	5, 15	0, 44
2 0 8	19, 48	0, 10	4, 55	0, 60
10	18, 78	0, 70	3, 83	0, 72
20	17, 51	1, 27	2, 99	0, 84
3 0 9	15, 71	1, 80	2, 05	0, 94
10	13, 43	2, 28	1, 05	1, 00
20	10, 74	2, 69	+ 0, 02 —	1, 03
4 0 10	7, 73	3, 01	— 1, 00 +	1, 02
10	4, 48	3, 25	2, 01	1, 01
20	+ 1, 09 —	3, 39	2, 96	0, 95
5 0 11	— 2, 33 +	3, 42	3, 81	0, 85
10	5, 66	3, 33	4, 54	0, 73
20	8, 87	3, 21	5, 13	0, 59

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″99 +		+ 7,″39 —	
10	3, 98	2,″99	6, 50	0,″89
20	6, 85	2, 87	5, 41	1, 09
1 0 7	9, 50	2, 65	4, 15	1, 26
10	11, 86	2, 36	2, 78	1, 37
20	13, 86	2, 00	+ 1, 31 —	1, 47
2 0 8	15, 44	1, 58	— 0, 18 +	1, 49
10	16, 56	1, 12	1, 68	1, 50
20	17, 17	0, 61	3, 14	1, 46
3 0 9	17, 26	0, 09	4, 49	1, 35
10	16, 82	0, 44	5, 70	1, 21
20	15, 88	0, 94	6, 74	1, 04
4 0 10	14, 45	1, 43	7, 57	0, 83
10	12, 58	1, 87	9, 17	0, 60
20	10, 33	2, 25	8, 54	0, 37
5 0 11	7, 76	2, 57	8, 64	0, 10
10	4, 97	2, 79	8, 48	0, 16
20	2, 02	2, 95	8, 06	0, 42

γ Librae, in medio boreae forcipis. 3. 38

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	231° 5′ 20″		CAILLE 14° 6′ 41″	
BRADLEY	231 5 21		BRADL. 14 6 42	
TOB. MAYER	231 5 23		T. MAY. 14 6 37	
DE LAMBRE	231 5 19	+	BARRY 14 6 35	+
DE ZACH	231 5 19	49,″92		12,″63

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″88 —		+ 4,″26 —	
10	14, 51	2,″63	4, 72	0,″46
20	16, 68	2, 17	5, 04	0, 32
1 0 7	18, 33	1, 65	5, 22	0, 18
10	19, 43	1, 10	5, 23	0, 01
20	19, 92	0, 51	5, 07	0, 16
2 0 8	19, 83	0, 09	4, 77	0, 30
10	19, 14	0, 69	4, 32	0, 45
20	17, 86	1, 28	3, 75	0, 57
3 0 9	16, 04	1, 82	3, 06	0, 69
10	13, 74	2, 30	2, 28	0, 78
20	11, 01	2, 73	1, 42	0, 86
4 0 10	7, 95	3, 06	+ 0, 53 —	0, 89
10	4, 66	3, 29	— 0, 38 +	0, 91
20	+ 1, 22 —	3, 44	1, 28	0, 90
5 0 11	— 2, 27 +	3, 49	2, 16	0, 88
10	5, 67	3, 39	2, 96	0, 80
20	8, 92	3, 25	3, 66	0, 70

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″51 +		+ 7,″24 —	
10	4, 56	3,″05	6, 54	0,″88
20	7, 48	2, 92	5, 46	1, 08
1 0 7	10, 17	2, 69	4, 21	1, 25
10	12, 55	2, 38	2, 82	1, 39
20	14, 55	2, 00	+ 1, 35 —	1, 47
2 0 8	16, 11	1, 56	— 0, 15 +	1, 50
10	17, 18	1, 07	1, 63	1, 48
20	17, 73	0, 55	3, 08	1, 45
3 0 9	17, 74	0, 01	4, 45	1, 37
10	17, 21	0, 53	5, 67	1, 22
20	16, 16	1, 05	6, 72	1, 05
4 0 10	14, 61	1, 55	7, 56	0, 84
10	12, 61	2, 00	8, 17	0, 61
20	10, 31	2, 36	8, 54	0, 37
5 0 11	7, 56	2, 75	8, 65	0, 11
10	4, 64	2, 92	8, 50	0, 15
20	1, 59	3, 05	8, 08	0, 42

39 Librae, duarum reliq. sequentium borealior. 4. 39

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	231° 13′ 25″		CAILLE 27°27′35″	
TOB. MAYER	231 13 46		T. MAY. 27 27 31	
DE ZACH	231 13 38	+ 54,″11	BARRY 27 27 35	+ 12,″60
			L. LAND. 27 27 26	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″96 —		+ 0,″48 —	
10	15, 81	2,″85	1, 50	1,″02
20	18, 18	2, 37	2, 45	0, 95
1 0 7	20, 00	1, 82	3, 32	0, 87
10	21, 21	1, 21	4, 10	0, 78
20	21, 77	0, 56	4, 77	0, 67
2 0 8	21, 68	0, 09	5, 29	0, 52
10	20, 93	0, 75	5, 65	0, 36
20	19, 53	1, 40	5, 83	0, 18
3 0 9	17, 55	1, 98	5, 83	0, 00
10	15, 05	2, 50	5, 66	0, 17
20	12, 10	2, 95	5, 31	0, 35
4 0 10	8, 76	3, 34	4, 78	0, 53
10	5, 14	3, 62	4, 13	0, 65
20	+ 1, 37 —	3, 77	3, 37	0, 76
5 0 11	— 2, 43 +	3, 80	2, 50	0, 87
10	6, 16	3, 73	1, 55	0, 95
20	9, 71	3, 55	0, 54	1, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″11 +		+ 7,″43 —	
10	6, 39	3,″28	6, 56	0,″87
20	9, 49	3, 10	5, 48	1, 08
1 0 7	12, 30	2, 81	4, 21	1, 27
10	14, 73	2, 43	2, 83	1, 38
20	16, 72	1, 99	+ 1, 37 —	1, 46
2 0 8	18, 20	1, 48	— 0, 12 +	1, 49
10	19, 13	0, 93	1, 62	1, 50
20	19, 48	0, 35	3, 08	1, 46
3 0 9	19, 23	0, 25	4, 44	1, 36
10	18, 40	0, 83	5, 66	1, 22
20	17, 01	1, 39	6, 71	1, 05
4 0 10	15, 10	1, 91	7, 56	0, 85
10	12, 73	2, 37	8, 17	0, 61
20	9, 98	2, 75	8, 55	0, 38
5 0 11	6, 92	3, 06	8, 66	0, 11
10	3, 65	3, 27	8, 50	0, 16
20	0, 28	3, 37	8, 09	0, 41

40 Librae, duarum seq. australior. 4. 40

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	231° 36′ 10″		CAILLE 29° 6′ 12″	
DE ZACH	231 35 58	+ 54.″73	BARRY. 29 6 22	+ 12.″50

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 13,″05 —		+ 0,″00 —	
10	15, 97	2,″92	1, 06	1,″06
20	18, 41	2, 44	2, 09	1, 03
1 0 7	20, 28	1, 87	3, 03	0, 94
10	21, 53	1, 25	3, 88	0, 85
20	22, 12	0, 59	4, 64	0, 76
2 0 8	22, 05	0, 07	5, 26	0, 62
10	21, 32	0, 73	5, 70	0, 44
20	19, 94	1, 38	5, 95	0, 25
3 0 9	17, 95	1, 99	6, 04	0, 09
10	15, 41	2, 54	5, 96	0, 08
20	12, 40	3, 01	5, 69	0, 27
4 0 10	9, 03	3, 37	5, 24	0, 45
10	5, 36	3, 67	4, 63	0, 61
20	+ 1, 55 —	3, 81	3, 87	0, 76
5 0 11	— 2, 33 +	3, 88	3, 01	0, 86
10	6, 13	3, 80	2, 06	0, 95
20	9, 74	3, 61	1, 04	1, 02

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″29 +		+ 7,″48 —	
10	6, 61	3,″32	6, 61	0,″87
20	9, 75	3, 14	5, 53	1, 08
1 0 7	12, 57	2, 82	4, 27	1, 26
10	15, 01	2, 44	2, 88	1, 39
20	17, 01	2, 00	+ 1, 43 —	1, 45
2 0 8	18, 49	1, 48	— 0, 07 +	1, 50
10	19, 41	0, 92	1, 57	1, 50
20	19, 73	0, 32	3, 04	1, 47
3 0 9	19, 44	0, 29	4, 41	1, 37
10	18, 57	0, 87	5, 64	1, 23
20	17, 15	1, 42	6, 70	1, 06
4 0 10	15, 20	1, 95	7, 56	0, 86
10	12, 79	2, 41	8, 19	0, 63
20	9, 98	2, 81	8, 57	0, 38
5 0 11	6, 86	3, 12	8, 69	0, 12
10	3, 54	3, 32	8, 54	0, 15
20	0, 13	3, 41	8, 13	0, 41

42 Librae. 6. 42

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	232° 7′ 7″	+	CAILLE 23° 9′ 50″	+
BRADLEY	232 7 22		BRADL. 23 9 30	
TOB. MAYER	232 7 21		T. MAY. 23 9 16	
DE ZACH	232 7 10	52,″76	BARRY 23 9 14	12,″36
			L.I.AND. 23 9 13	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 12,″25 —		+ 1,″64 —	
10	15, 04	2,″79	2, 46	0,″82
20	17, 39	2, 35	3, 20	0, 74
1 0 7	19, 20	1, 81	3, 84	0, 64
10	20, 42	1, 22	4, 36	0, 52
20	21, 02	0, 60	4, 76	0, 40
2 0 8	20, 99	0, 03	5, 01	0, 25
10	20, 32	0, 67	5, 11	0, 10
20	19, 03	1, 29	5, 04	0, 07
3 0 9	17, 16	1, 87	4, 83	0, 21
10	14, 77	2, 39	4, 48	0, 35
20	11, 94	2, 83	3, 98	0, 50
4 0 10	8, 74	3, 20	3, 36	0, 62
10	5, 26	3, 48	2, 64	0, 72
20	+ 1, 63 —	3, 63	1, 85	0, 79
5 0 11	— 2, 05 +	3, 68	1, 00	0, 85
10	5, 65	3, 60	+ 0, 10 —	0, 90
20	9, 09	3, 44	— 0, 78 +	0, 88

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″51 +		+ 7,″52 —	
10	5, 72	3,″21	6, 66	0,″86
20	8, 76	3, 04	5, 59	1, 07
1 0 7	11, 54	2, 78	4, 34	1, 25
10	13, 96	2, 42	2, 95	1, 39
20	15, 96	2, 00	1, 49	1, 46
2 0 8	17, 48	1, 52	+ 0, 00 —	1, 49
10	18, 48	1, 00	— 1, 51 +	1, 51
20	18, 90	0, 42	2, 99	1, 48
3 0 9	18, 74	0, 16	4, 36	1, 37
10	18, 02	0, 72	5, 59	1, 23
20	16, 76	1, 26	6, 67	1, 08
4 0 10	14, 99	1, 77	7, 55	0, 88
10	12, 76	2, 23	8, 19	0, 64
20	10, 13	2, 63	8, 57	0, 38
5 0 11	7, 20	2, 93	8, 69	0, 12
10	4, 06	3, 14	8, 55	0, 14
20	0, 79	3, 27	8, 16	0, 39

ϰ Librae, trium inter forcipes praecedens. 4. 43

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	232° 36′ 49″	+ 51,″49	CAILLE 19° 1′ 9″	+ 12,″22
BRADLEY	232 36 53		BRADL. 19 1 1	
TOB. MAYER	232 36 49		T. MAY. 19 0 58	
DE ZACH	232 36 35		BARRY 19 1 0	
			L.LAND. 19 1 6	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″78 —		+ 2,″80 —	
10	14, 52	2,″74	3, 46	0,″66
20	16, 82	2, 30	4, 00	0, 54
1 0 7	18, 61	1, 79	4, 40	0, 40
10	19, 84	1, 23	4, 67	0, 27
20	20, 46	0, 62	4, 82	0, 15
2 0 8	20, 45	0, 01	4, 82	0, 00
10	19, 82	0, 63	4, 67	0, 15
20	18, 59	1, 23	4, 37	0, 30
3 0 9	16, 81	1, 78	3, 95	0, 42
10	14, 51	2, 30	3, 41	0, 54
20	11, 75	2, 76	2, 76	0, 65
4 0 10	8, 66	3, 09	2, 03	0, 73
10	5, 29	3, 37	1, 23	0, 80
20	+ 1, 78 —	3, 51	+ 0, 40 —	0, 83
5 0 11	— 1, 81 +	3, 59	— 0, 44 +	0, 84
10	5, 32	3, 51	1, 27	0, 83
20	8, 68	3, 36	2, 07	0, 80

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″00 +		+ 7,″57 —	
10	5, 14	3,″14	6, 71	0,″86
20	8, 13	2, 99	5, 64	1, 07
1 0 7	10, 87	2, 74	4, 40	1, 24
10	13, 28	2, 41	3, 01	1, 39
20	15, 29	2, 01	1, 56	1, 45
2 0 8	16, 84	1, 55	+ 0, 08 —	1, 48
10	17, 88	1, 04	— 1, 44 +	1, 52
20	18, 36	0, 48	2, 93	1, 49
3 0 9	18, 29	0, 07	4, 31	1, 38
10	17, 66	0, 63	5, 55	1, 24
20	16, 50	1, 16	6, 62	1, 07
4 0 10	14, 84	1, 66	7, 50	0, 88
10	12, 72	2, 12	8, 15	0, 65
20	10, 22	2, 50	8, 56	0, 41
5 0 11	7, 41	2, 81	8, 70	0, 14
10	4, 39	3, 02	8, 58	0, 12
20	1, 22	3, 17	8, 20	0, 38

η Librae, ſeq. ſeptimam (γ) in borea forcipe. 4. 44

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	233° 12′ 41″	+ 50,″31	CAILLE 15° 1′ 8″	+ 12,″05
TOB. MAYER	233 12 44		T. MAY. 15 1 20	
DE ZACH	233 12 32		BARRY 15 1 20	
			L. LAND. 15 1 23	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″35 —		+ 3,″90 —	
10	14, 08	2,″73	4, 37	0,″47
20	16, 36	2, 28	4, 72	0, 35
1 0 7	18, 14	1, 78	4, 93	0, 21
10	19, 37	1, 23	4, 98	0, 05
20	20, 02	0, 65	4, 88	0, 10
2 0 8	20, 05	0, 03	4, 63	0, 25
10	19, 47	0, 58	4, 24	0, 39
20	18, 29	1, 18	3, 72	0, 52
3 0 9	16, 57	1, 72	3, 10	0, 62
10	14, 36	2, 21	2, 39	0, 71
20	11, 70	2, 66	1, 59	0, 80
4 0 10	8, 67	3, 03	+ 0, 74 —	0, 85
10	5, 38	3, 29	— 0, 12 +	0, 86
20	+ 1, 95 —	3, 43	0, 98	0, 86
5 0 11	— 1, 56 +	3, 51	1, 82	0, 84
10	5, 02	3, 46	2, 60	0, 78
20	8, 31	3, 29	3, 30	0, 70

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″53 +		+ 7,″64 —	
10	4, 61	3,″08	6, 79	0,″85
20	7, 55	2, 94	5, 73	1, 06
1 0 7	10, 26	2, 71	4, 47	1, 26
10	12, 66	2, 40	3, 10	1, 37
20	14, 67	2, 01	1, 64	1, 46
2 0 8	16, 24	1, 57	+ 0, 14 —	1, 50
10	17, 31	1, 07	— 1, 38 +	1, 52
20	17, 86	0, 55	2, 88	1, 50
3 0 9	17, 87	0, 01	4, 26	1, 38
10	17, 34	0, 53	5, 51	1, 25
20	16, 28	1, 06	6, 59	1, 08
4 0 10	14, 72	1, 56	7, 48	0, 89
10	12, 70	2, 02	8, 16	0, 68
20	10, 31	2, 39	8, 59	0, 43
5 0 11	7, 61	2, 70	8, 74	0, 15
10	4, 68	2, 93	8, 62	0, 12
20	1, 60	3, 08	8, 25	0, 37

λ Librae, trium inter forcipes. 4. 45

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	235° 26′ 13″		CAILLE 19°33′21″	
BRADLEY	235 26 14		BRADL. 19 33 27	
TOB. MAYER	235 26 13		T. MAY. 19 33 18	
DE ZACH	235 26 3	+ 51,″86	BARRY 19 33 20	+ 11,″41

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″07 —		+ 2,″45 —	
10	13, 93	2,″86	3, 07	0,″62
20	16, 37	2, 44	3, 60	0, 53
1 0 7	18, 31	1, 94	4, 03	0, 43
10	19, 72	1, 41	4, 33	0, 30
20	20, 52	0, 80	4, 50	0, 17
2 0 8	20, 68	0, 16	4, 53	0, 03
10	20, 21	0, 47	4, 41	0, 12
20	19, 13	1, 08	4, 16	0, 25
3 0 9	17, 48	1, 65	3, 80	0, 36
10	15, 30	2, 18	3, 32	0, 48
20	12, 65	2, 65	2, 73	0, 59
4 0 10	9, 61	3, 04	2, 06	0, 67
10	6, 27	3, 34	1, 32	0, 74
20	+ 2, 76 —	3, 51	+ 0, 55 —	0, 77
5 0 11	— 0, 84 +	3, 60	— 0, 23 +	0, 78
10	4, 41	3, 57	1, 01	0, 78
20	7, 86	3, 45	1, 75	0, 74

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″92 +		+ 7,″84 —	
10	5, 10	3,″18	7, 03	0,″81
20	8, 12	3, 02	6, 00	1, 03
1 0 7	10, 88	2, 76	4, 78	1, 22
10	12, 31	2, 43	3, 41	1, 37
20	15, 35	2, 04	1, 96	1, 45
2 0 8	16, 92	1, 57	+ 0, 45 —	1, 51
10	17, 98	1, 06	— 1, 09 +	1, 54
20	18, 48	0, 50	2, 61	1, 52
3 0 9	18, 42	0, 06	4, 04	1, 43
10	17, 81	0, 61	5, 33	1, 29
20	16, 66	1, 15	6, 46	1, 13
4 0 10	15, 00	1, 66	7, 40	0, 94
10	12, 88	2, 12	8, 12	0, 72
20	10, 37	2, 51	8, 60	0, 48
5 0 11	7, 55	2, 82	8, 81	0, 21
10	4, 50	3, 05	8, 75	0, 06
20	1, 30	3, 20	8, 42	0, 33

θ Librae, trium inter forcipes auſtrina. 4. 46

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	235° 36′ 49″		CAILLE 16° 7′ 46″	
BRADLEY	235 37 19		BRADL. 16 7 55	
TOB. MAYER	235 36 49		T. MAY. 16 7 50	
DE ZACH	235 36 46		BARRY 16 7 45	
		+ 50,″78	L.LAND. 16 7 36	11,″36

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
☽ 0 6	+ 10,″80 —		+ 3,″46 —	
10	13, 63	2,″83	3, 95	0,″49
20	16, 02	2, 39	4, 32	0, 37
☾ 0 7	17, 93	1, 91	4, 57	0, 25
10	19, 31	1, 39	4, 68	0, 11
20	20, 11	0, 80	4, 63	0, 05
☽ 0 8	20, 29	0, 18	4, 44	0, 19
10	19, 84	0, 45	4, 12	0, 32
20	18, 80	1, 04	3, 68	0, 44
☽ 0 9	17, 19	1, 61	3, 14	0, 54
10	15, 05	2, 14	2, 50	0, 64
20	12, 45	2, 60	1, 77	0, 73
☽ 0 10	9, 47	2, 98	0, 99	0, 78
10	6, 21	3, 26	+ 0, 19 —	0, 80
20	+ 2, 75 —	3, 46	— 0, 63 +	0, 82
☽ 0 11	— 0, 75 +	3, 50	1, 43	0, 80
10	4, 27	3, 52	2, 18	0, 75
20	7, 65	3, 38	2, 86	0, 68

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☽ 0 6	— 1,″56 +		+ 7,″85 —	
10	4, 67	3,″11	7, 05	0,″80
20	7, 64	2, 97	6, 02	1, 03
☽ 0 7	10, 37	2, 73	4, 80	1, 22
10	12, 79	2, 42	3, 44	1, 36
20	14, 82	2, 03	1, 99	1, 45
☽ 0 8	16, 40	1, 58	+ 0, 48 —	1, 51
10	17, 49	1, 69	— 1, 06 +	1, 54
20	18, 04	0, 55	2, 58	1, 52
☽ 0 9	18, 04	0, 00	4, 02	1, 44
10	17, 49	0, 55	5, 32	1, 30
20	16, 42	1, 07	6, 42	1, 10
☽ 0 10	14, 85	1, 57	7, 39	0, 97
10	12, 82	2, 03	8, 12	0, 73
20	10, 40	2, 42	8, 60	0, 48
☽ 0 11	7, 67	2, 73	8, 82	0, 22
10	4, 72	2, 95	8, 76	0, 06
20	1, 60	3, 12	8, 43	0, 33

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	236° 45′ 11″		CAILLE 13°41′20″	
BRADLEY	236 45 16		BRADL. 13 41 25	
TOB. MAYER	236 45 12		T. MAY. 13 41 21	
DE ZACH	236 45 0	+ 50,″09	BARRY 13 41 19	+ 11,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″34 —		+ 4,″11 —	
10	13, 18	2,″84	4, 49	0,″38
20	15, 60	2, 42	4, 74	0, 25
1 0 7	17, 55	1, 95	4, 86	0, 12
10	18, 98	1, 43	4, 82	0, 04
20	19, 84	0, 86	4, 63	0, 19
2 0 8	20, 09	0, 25	4, 30	0, 33
10	19, 72	0, 37	3, 84	0, 46
20	18, 76	0, 96	3, 27	0, 57
3 0 9	17, 23	1, 53	2, 59	0, 68
10	15, 17	2, 06	1, 83	0, 76
20	12, 66	2, 51	1, 02	0, 81
4 0 10	9, 76	2, 90	+ 0, 17 —	0, 85
10	6, 56	3, 20	— 0, 67 +	0, 84
20	+ 3, 16 —	3, 40	1, 49	0, 82
5 0 11	— 0, 34 +	3, 50	2, 27	0, 78
10	3, 83	3, 49	2, 98	0, 71
20	7, 19	3, 36	3, 60	0, 62

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″27 +		+ 7,″96 —	
10	4, 36	3,″09	7, 18	0,″78
20	7, 30	2, 94	6, 17	1, 01
1 0 7	10, 00	2, 70	4, 95	1, 22
10	12, 40	2, 40	3, 60	1, 35
20	14, 44	2, 04	2, 15	1, 45
2 0 8	16, 05	1, 61	+ 0, 64 —	1, 51
10	17, 16	1, 11	— 0, 90 +	1, 54
20	17, 75	0, 59	2, 43	1, 53
3 0 9	17, 80	0, 05	3, 88	1, 45
10	17, 30	0, 50	5, 20	1, 32
20	16, 29	1, 01	6, 36	1, 16
4 0 10	14, 78	1, 51	7, 34	0, 98
10	12, 81	1, 97	8, 09	0, 75
20	10, 45	2, 36	8, 60	0, 51
5 0 11	7, 78	2, 67	8, 84	0, 24
10	4, 88	2, 90	8, 81	0, 03
20	1, 84	3, 04	8, 52	0, 19

50 Librae. 6.

50

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	237° 32′ 29″	+ 48,″33	FLAMST 7°50′32″	+ 10,″81
DE ZACH	237 30 4		BARRY 7 49 53	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9,″96 —		+ 5,″78 —	
10	12, 76	2,″80	5, 94	0,″16
20	15, 17	2, 41	5, 93	0, 01
1 0 7	17, 12	1, 95	5, 74	0, 19
10	18, 56	1, 44	5, 37	0, 37
20	19, 44	0, 88	4, 83	0, 54
2 0 8	19, 72	0, 28	4, 16	0, 67
10	19, 40	0, 32	3, 36	0, 80
20	18, 49	0, 91	2, 45	0, 91
3 0 9	17, 02	1, 47	1, 46	0, 99
10	15, 03	1, 99	+ 0, 44 —	1, 02
20	12, 60	2, 43	— 0, 60 +	1, 04
4 0 10	9, 78	2, 82	1, 61	1, 01
10	6, 65	3, 13	2, 58	0, 97
20	+ 3, 33 —	3, 32	3, 49	0, 91
5 0 11	— 0, 09 +	3, 42	4, 28	0, 79
10	3, 53	3, 44	4, 93	0, 65
20	6, 85	3, 32	5, 44	0, 51

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″70 +		+ 8,″04 —	
10	3, 68	2,″98	7, 24	0,″80
20	6, 55	2, 87	6, 23	1, 01
1 0 7	9, 21	2, 66	5, 04	1, 19
10	11, 58	2, 37	3, 70	1, 34
20	13, 60	2, 02	2, 25	1, 45
2 0 8	15, 21	1, 61	+ 0, 72 —	1, 53
10	16, 36	1, 15	— 0, 82 +	1, 54
20	17, 02	0, 66	2, 36	1, 54
3 0 9	17, 16	0, 14	3, 82	1, 46
10	16, 79	0, 37	5, 15	1, 33
20	15, 90	0, 89	6, 33	1, 18
4 0 10	14, 52	1, 38	7, 32	0, 99
10	12, 70	1, 82	8, 09	0, 77
20	10, 50	2, 20	8, 61	0, 52
5 0 11	7, 97	2, 53	8, 87	0, 26
10	5, 22	2, 75	8, 86	0, 01
20	2, 29	2, 93	8, 58	0, 28

3 ad ξ Librae. 4. 51

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	238° 20′ 52″		CAILLE 10° 48′ 33″	
TOB. MAYER	238 20 57		T. MAY. 10 48 29	
			L.LAND. 10 48 26	
DE ZACH	238 20 43	+ 49,″26	BARRY 10 48 24	+ 10,″56

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9,″82 —		+ 4,″88 —	
10	12, 68	2,″86	5, 15	0,″27
20	15, 15	2, 47	5, 27	0, 12
1 0 7	17, 15	2, 00	5, 22	0, 05
10	18, 64	1, 49	5, 00	0, 22
20	19, 57	0, 93	4, 65	0, 35
2 0 8	19, 90	0, 33	4, 15	0, 50
10	19, 63	0, 27	3, 53	0, 62
20	18, 76	0, 87	2, 79	0, 74
3 0 9	17, 33	1, 43	1, 96	0, 83
10	15, 36	1, 97	1, 08	0, 88
20	12, 93	2, 43	+ 0, 17 —	0, 91
4 0 10	10, 11	2, 82	— 0, 76 +	0, 93
10	6, 98	3, 13	1, 64	0, 88
20	3, 62	3, 36	2, 49	0, 85
5 0 11	+ 0, 16 —	3, 46	3, 26	0, 77
10	— 3, 30 +	3, 46	3, 93	0, 67
20	6, 65	3, 35	4, 47	0, 54

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″95 +		+ 8,″09 —	
10	3, 98	3,″03	7, 33	0,″76
20	6, 89	2, 91	6, 34	0, 99
1 0 7	9, 58	2, 69	5, 15	1, 19
10	11, 98	2, 40	3, 80	1, 35
20	14, 02	2, 04	2, 36	1, 44
2 0 8	15, 64	1, 62	+ 0, 83 —	1, 53
10	16, 78	1, 14	— 0, 72 +	1, 55
20	17, 41	0, 63	2, 26	1, 54
3 0 9	17, 50	0, 09	3, 74	1, 48
10	17, 07	0, 43	5, 09	1, 35
20	16, 13	0, 94	6, 28	1, 19
4 0 10	14, 69	1, 44	7, 28	1, 00
10	12, 80	1, 89	8, 07	0, 79
20	10, 52	2, 28	8, 61	0, 54
5 0 11	7, 92	2, 60	8, 89	0, 28
10	5, 09	2, 83	8, 89	0, 00
20	2, 10	2, 99	8, 61	0, 28

b Scorpii. 6. 1

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	234° 44′ 22″		CAILLE 25° 7′ 34″	
TOB. MAYER	234 44 41		T. MAY. 25 7 44	
DE ZACH	234 44 34		BARRY 25 7 50	
		+ 53,″67	L. LAND. 25 7 41	+ 11,″62

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″71 —		+ 0,″86 —	
10	14, 67	2,″96	1, 70	0,″84
20	17, 17	2, 50	2, 50	0, 80
1 0 7	19, 14	1, 97	3, 21	0, 71
10	20, 54	1, 40	3, 82	0, 61
20	21, 34	0, 80	4, 31	0, 49
2 0 8	21, 47	0, 13	4, 67	0, 36
10	20, 95	0, 52	4, 89	0, 22
20	19, 78	1, 17	4, 97	0, 08
3 0 9	18, 03	1, 75	4, 91	0, 06
10	15, 73	2, 30	4, 69	0, 22
20	12, 95	2, 78	4, 32	0, 37
4 0 10	9, 75	3, 20	3, 83	0, 49
10	6, 27	3, 48	3, 21	0, 62
20	+ 2, 60 —	3, 67	2, 50	0, 71
5 0 11	— 1, 13 +	3, 73	1, 71	0, 79
10	4, 83	3, 70	0, 86	0, 85
20	8, 39	3, 56	0, 00	0, 86

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″59 +		+ 7,″78 —	
10	5, 86	3,″27	6, 96	0,″82
20	8, 96	3, 10	5, 92	1, 04
1 0 7	11, 77	2, 81	4, 69	1, 23
10	14, 24	2, 47	3, 32	1, 37
20	16, 26	2, 02	1, 86	1, 46
2 0 8	17, 81	1, 55	+ 0, 36 —	1, 50
10	18, 81	1, 00	— 1, 18 +	1, 54
20	19, 23	0, 42	2, 69	1, 51
3 0 9	19, 07	0, 16	4, 10	1, 41
10	18, 33	0, 74	5, 38	1, 28
20	17, 04	1, 29	6, 50	1, 12
4 0 10	15, 22	1, 82	7, 43	0, 93
10	12, 94	2, 28	8, 14	0, 71
20	10, 28	2, 66	8, 60	0, 46
5 0 11	7, 31	2, 97	8, 80	0, 20
10	4, 11	3, 20	8, 72	0, 08
20	0, 77	3, 34	8, 37	0, 35

1 ad *A* Scorpii. 5. 2

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	235° 24′ 34″	+ 53,″59	CAILLE 24° 42′ 40″	+ 11,″42
BRADLEY	235 24 28		BRADL. 24 43 1	
TOB. MAYER	235 24 31		T. MAY. 24 42 54	
DE ZACH	235 24 20		BARRY 24 43 2	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″46 —		+ 0,″93 —	
10	14, 43	2,″97	1, 74	0,″81
20	16, 97	2, 54	2, 50	0, 76
1 0 7	18, 98	2, 01	3, 18	0, 68
10	20, 43	1, 45	3, 76	0, 58
20	21, 26	0, 83	4, 23	0, 47
2 0 8	21, 44	0, 18	4, 57	0, 34
10	20, 95	0, 49	4, 77	0, 20
20	19, 84	1, 11	4, 83	0, 06
3 0 9	18, 12	1, 72	4, 75	0, 08
10	15, 86	2, 26	4, 52	0, 23
20	13, 11	2, 75	4, 15	0, 37
4 0 10	9, 96	3, 15	3, 65	0, 50
10	6, 51	3, 45	3, 04	0, 61
20	+ 2, 86 —	3, 65	2, 35	0, 69
5 0 11	— 0, 87 +	3, 73	1, 57	0, 78
10	4, 58	3, 71	+ 0, 74 —	0, 83
20	8, 15	3, 57	— 0, 09 +	0, 83

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″49 +		+ 7,″84 —	
10	5, 76	3,″27	7, 02	0,″82
20	8, 86	3, 10	5, 99	1, 03
1 0 7	11, 68	2, 82	4, 78	1, 21
10	14, 14	2, 46	3, 42	1, 36
20	16, 18	2, 04	1, 96	1, 46
2 0 8	17, 74	1, 56	+ 0, 44 —	1, 52
10	18, 75	1, 01	— 1, 09 +	1, 53
20	19, 18	0, 43	2, 61	1, 52
3 0 9	19, 04	0, 14	4, 04	1, 43
10	18, 32	0, 72	5, 33	1, 29
20	17, 04	1, 28	6, 46	1, 13
4 0 10	15, 24	1, 80	7, 40	0, 94
10	12, 98	2, 26	8, 12	0, 72
20	10, 33	2, 65	8, 60	0, 48
5 0 11	7, 36	2, 97	8, 81	0, 21
10	4, 18	3, 18	8, 74	0, 07
20	0, 85	3, 33	8, 41	0, 33

ρ Scorpii, in altero pedum. 4. 5

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	236° 8′ 34″	+ 55,″06	CAILLE 28°36′57″	+ 11,″21
TOB. MAYER	236 8 26		T. MAY. 28 36 53	
DE LAMBRE	236 8 17		BARRY 28 36 56	
DE ZACH	236 8 19		L.LAND. 28 36 50	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″68 —		— 0,″29 +	
10	14, 79	3,″11	+ 0, 65 —	0,″94
20	17, 43	2, 64	1, 55	0, 90
1 0 7	19, 54	2, 11	2, 41	0, 86
10	21, 08	1, 54	3, 21	0, 80
20	22, 00	0, 92	3, 91	0, 70
2 0 8	22, 24	0, 24	4, 48	0, 57
10	21, 78	0, 46	4, 91	0, 43
20	20, 66	1, 12	5, 20	0, 29
3 0 9	18, 91	1, 75	5, 34	0, 14
10	16, 60	2, 31	5, 31	0, 03
20	13, 78	2, 82	5, 12	0, 19
4 0 10	10, 54	3, 24	4, 77	0, 35
10	6, 98	3, 56	4, 28	0, 49
20	+ 3, 22 —	3, 76	3, 66	0, 62
5 0 11	— 0, 64 +	3, 86	2, 93	0, 73
10	4, 50	3, 84	2, 10	0, 83
20	8, 21	3, 71	1, 21	0, 89

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″90 +		+ 7,″90 —	
10	6, 25	3,″35	7, 10	0,″80
20	9, 42	3, 17	6, 08	1, 02
1 0 7	12, 30	2, 88	4, 87	1, 21
10	14, 80	2, 50	3, 51	1, 36
20	16, 85	2, 05	2, 05	1, 46
2 0 8	18, 40	1, 55	+ 0, 53 —	1, 52
10	19, 38	0, 98	— 1, 00 +	1, 53
20	19, 77	0, 39	2, 52	1, 52
3 0 9	19, 55	0, 22	3, 96	1, 44
10	18, 76	0, 79	5, 27	1, 31
20	17, 40	1, 36	6, 42	1, 15
4 0 10	15, 50	1, 90	7, 38	0, 96
10	13, 12	2, 38	8, 12	0, 74
20	10, 35	2, 77	8, 61	0, 49
5 0 11	7, 26	3, 09	8, 83	0, 22
10	3, 96	3, 30	8, 78	0, 05
20	0, 54	3, 42	8, 47	0, 31

π Scorpii, trium in fronte lucidarum auſtr. 3. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	236° 41′ 43″	ann. Æ. med.	CAILLE 25°31′31″	ann. Decl. med.
BRADLEY	236 41 46		BRADL. 25 31 6	
TOB. MAYER	236 41 38		T. MAY. 25 31 24	
DE LAMBRE	236 41 38		BARRY 25 31 28	
DE ZACH	236 41 37	54,″00	L.LAND. 25 31 20	11,″06

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 11,″18 —		+ 0,″59 —	
10	14, 22	3,″04	1, 40	0,″81
20	16, 82	2, 60	2, 18	0, 78
1 0 7	18, 92	2, 10	2, 88	0, 70
10	20, 46	1, 54	3, 49	0, 61
20	21, 37	0, 91	4, 00	0, 51
2 0 8	21, 63	0, 26	4, 39	0, 39
10	21, 22	0, 41	4, 64	0, 25
20	20, 19	1, 03	4, 75	0, 11
3 0 9	18, 54	1, 65	4, 72	0, 03
10	16, 32	2, 22	4, 55	0, 17
20	13, 60	2, 72	4, 24	0, 31
4 0 10	10, 46	3, 14	3, 80	0, 44
10	7, 02	3, 44	3, 24	0, 56
20	+ 3, 37 —	3, 65	2, 59	0, 65
5 0 11	— 0, 40 +	3, 77	1, 85	0, 74
10	4, 16	3, 76	1, 05	0, 80
20	7, 78	3, 62	0, 24	0, 81

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″50 +		+ 7,″95 —	
10	5, 80	3,″30	7, 16	0,″79
20	8, 94	3, 14	6, 15	1, 01
1 0 7	11, 76	2, 82	4, 95	1, 20
10	14, 24	2, 48	3, 59	1, 36
20	16, 29	2, 05	2, 13	1, 46
2 0 8	17, 87	1, 58	+ 0, 62 —	1, 51
10	18, 88	1, 01	— 0, 91 +	1, 53
20	19, 33	0, 45	2, 44	1, 53
3 0 9	19, 18	0, 15	3, 89	1, 45
10	18, 45	0, 73	5, 21	1, 32
20	17, 17	1, 28	6, 37	1, 16
4 0 10	15, 37	1, 80	7, 34	0, 97
10	13, 09	2, 28	8, 09	0, 75
20	10, 41	2, 68	8, 60	0, 51
5 0 11	7, 42	2, 99	8, 84	0, 24
10	4, 20	3, 22	8, 81	0, 03
20	0, 86	3, 34	8, 51	0, 30

♐ Scorpii, trium in fronte lucidarum media. 3. 7

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	237° 7′ 58″		CAILLE 22° 2′ 24″	
BRADLEY	237 7 58		BRADL. 22 2 20	
TOB. MAYER	237 7 59		T. MAY. 22 2 16	
DE LAMBRE	237 7 52		BARRY 22 2 19	
DE ZACH	237 7 51	+ 52,″82	L.LAND. 22 2 13	10,″92

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″74 —		+ 1,″62 —	
10	13, 73	2,″99	2, 30	0,″68
20	16, 29	2, 56	2, 92	0, 62
1 0 7	18, 35	2, 06	3, 44	0, 52
10	19, 87	1, 52	3, 86	0, 42
20	20, 79	0, 92	4, 16	0, 30
2 0 8	21, 07	0, 28	4, 34	0, 18
10	20, 69	0, 38	4, 38	0, 04
20	19, 70	0, 99	4, 29	0, 09
3 0 9	18, 11	1, 59	4, 07	0, 22
10	15, 97	2, 14	3, 73	0, 34
20	13, 34	2, 63	3, 27	0, 46
4 0 10	10, 30	3, 04	2, 72	0, 55
10	6, 95	3, 35	2, 08	0, 64
20	+ 3, 40 —	3, 55	1, 39	0, 69
5 0 11	— 0, 25 +	3, 65	+ 0, 64 —	0, 75
10	3, 91	3, 66	— 0, 13 +	0, 77
20	7, 44	3, 53	0, 89	0, 76

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″10 +		+ 8,″00 —	
10	5, 33	3,″23	7, 21	0,″79
20	8, 39	3, 06	6, 20	1, 01
1 0 7	11, 20	2, 81	5, 00	1, 20
10	13, 67	2, 47	3, 65	1, 35
20	15, 73	2, 06	2, 19	1, 46
2 0 8	17, 31	1, 58	+ 0, 68 —	1, 51
10	18, 35	1, 04	— 0, 87 +	1, 55
20	18, 84	0, 49	2, 40	1, 53
3 0 9	18, 76	0, 08	3, 86	1, 46
10	18, 11	0, 65	5, 19	1, 33
20	16, 92	1, 19	6, 36	1, 17
4 0 10	15, 21	1, 71	7, 34	0, 98
10	13, 02	2, 19	8, 10	0, 76
20	10, 44	2, 58	8, 61	0, 51
5 0 11	7, 55	2, 89	8, 86	0, 25
10	4, 44	3, 11	8, 84	0, 02
20	1, 19	3, 25	8, 55	0, 29

β Scorpii trium in fronte lucidarum borea. 2. 8

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	238° 27′ 28″		CAILLE 19° 14′ 42″	
BRADLEY	238 27 27		BRADL. 19 14 42	
TOB. MAYER	238 27 26		T. MAY. 19 14 37	
DE LAMBRE	238 27 23		BARRY 19 14 41	
DE ZACH	238 27 18	51,″97	L.LAND. 19 14 40	10,″53

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″17 —		+ 2,″37 —	
10	13, 15	2,″98	2, 93	0,″56
20	15, 73	2, 58	3, 41	0, 48
1 0 7	17, 83	2, 10	3, 78	0, 37
10	19, 38	1, 55	4, 04	0, 26
20	20, 36	0, 98	4, 17	0, 13
2 0 8	20, 72	0, 36	4, 17	0, 00
10	20, 44	0, 28	4, 04	0, 13
20	19, 55	0, 89	3, 79	0, 25
3 0 9	18, 06	1, 49	3, 44	0, 35
10	16, 02	2, 04	2, 98	0, 46
20	13, 50	2, 52	2, 42	0, 56
4 0 10	10, 57	2, 93	1, 79	0, 63
10	7, 31	3, 26	1, 11	0, 68
20	3, 82	3, 49	+ 0, 40 —	0, 71
5 0 11	+ 0, 23 —	3, 59	— 0, 34 +	0, 74
10	— 3, 37 +	3, 60	1, 05	0, 71
20	6, 87	3, 50	1, 73	0, 68

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″74 +		+ 8,″13 —	
10	4, 92	3,″18	7, 36	0,″77
20	7, 95	3, 03	6, 37	0, 99
1 0 7	10, 74	2, 79	5, 18	1, 19
10	13, 20	2, 46	3, 83	1, 35
20	15, 25	2, 05	2, 37	1, 46
2 0 8	16, 84	1, 59	+ 0, 84 —	1, 53
10	17, 93	1, 09	— 0, 70 +	1, 54
20	18, 48	0, 55	2, 24	1, 54
3 0 9	18, 46	0, 02	3, 71	1, 47
10	17, 87	0, 59	5, 06	1, 35
20	16, 74	1, 13	6, 25	1, 19
4 0 10	15, 11	1, 63	7, 25	1, 00
10	13, 02	2, 09	8, 04	0, 79
20	10, 53	2, 49	8, 59	0, 55
5 0 11	7, 72	2, 81	8, 88	0, 29
10	4, 69	3, 03	8, 90	0, 02
20	1, 50	3, 19	8, 65	0, 25

1 ad ω Scorpii, auſtrina. 5. 9

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	238° 47′ 0″		CAILLE 20° 6′ 52″	
BRADLEY	238 47 0		BRADL. 20 6 52	
TOB. MAYER	238 47 0		T. MAY. 20 6 47	
DE ZACH	238 46 52	+ 52,″28	BARRY 20 6 52	
			L.LAND. 20 6 44	+ 10,″43

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″11 —		+ 2,″09 —	
10	13, 12	3,″01	2, 68	0,″59
20	15, 73	2, 61	3, 18	0, 50
1 0 7	17, 86	2, 13	3, 59	0, 41
10	19, 46	1, 60	3, 88	0, 29
20	20, 47	1, 01	4, 06	0, 18
2 0 8	20, 84	0, 37	4, 12	0, 06
10	20, 59	0, 25	4, 05	0, 07
20	19, 69	0, 90	3, 86	0, 19
3 0 9	18, 22	1, 47	3, 56	0, 30
10	16, 19	2, 03	3, 15	0, 41
20	13, 67	2, 52	2, 64	0, 51
4 0 10	10, 72	2, 95	2, 05	0, 59
10	7, 45	3, 27	1, 40	0, 65
20	3, 95	3, 50	+ 0, 70 —	0, 70
5 0 11	+ 0, 33 —	3, 62	— 0, 03 +	0, 73
10	— 3, 29 +	3, 62	0, 74	0, 71
20	6, 80	3, 51	1, 44	0, 70

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″81 +		+ 8,″15 —	
10	5, 01	3,″20	7, 39	0,″76
20	8, 06	3, 05	6, 40	0, 99
1 0 7	10, 86	2, 80	5, 22	1, 18
10	13, 33	2, 47	3, 89	1, 33
20	15, 39	2, 06	2, 43	1, 46
2 0 8	16, 99	1, 60	+ 0, 89 —	1, 54
10	18, 08	1, 09	— 0, 66 +	1, 55
20	18, 61	0, 53	2, 20	1, 54
3 0 9	18, 57	0, 04	3, 68	1, 48
10	17, 97	0, 60	5, 03	1, 35
20	16, 84	1, 13	6, 23	1, 20
4 0 10	15, 19	1, 65	7, 25	1, 02
10	13, 07	2, 12	8, 05	0, 80
20	10, 55	2, 52	8, 60	0, 55
5 0 11	7, 71	2, 84	8, 89	0, 29
10	4, 65	3, 06	8, 91	0, 02
20	1, 45	3, 20	8, 66	0, 25

2 ad ω Scorpii. 5. 10

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	238° 55′ 30″		CAILLE 20°18′10″	
BRADLEY	238 55 31		BRADL. 20 18 56	
TOB. MAYER	238 55 31		T. MAY. 20 18 48	
DE ZACH	238 55 22		BARRY 20 18 51	
		+ 52,″36	L. LAND. 20 18 54	+ 10,″39

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″13 —		+ 2,″16 —	
10	13, 15	3,″02	2, 75	0,″59
20	15, 76	2, 61	3, 26	0, 51
1 0 7	17, 89	2, 13	3, 66	0, 40
10	19, 48	1, 59	3, 95	0, 29
20	20, 49	1, 01	4, 13	0, 18
2 0 8	20, 88	0, 39	4, 19	0, 06
10	20, 62	0, 26	4, 12	0, 07
20	19, 73	0, 89	3, 93	0, 19
3 0 9	18, 26	1, 47	3, 62	0, 31
10	16, 23	2, 03	3, 19	0, 43
20	13, 72	2, 51	2, 66	0, 53
4 0 10	10, 78	2, 94	2, 06	0, 60
10	7, 50	3, 28	1, 40	0, 66
20	4, 00	3, 50	+ 0, 70 —	0, 70
5 0 11	+ 0, 38 —	3, 62	— 0, 04 +	0, 74
10	— 3, 25 +	3, 63	0, 78	0, 74
20	6, 79	3, 54	1, 50	0, 72

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″86 +		+ 8,″16 —	
10	5, 06	3,″20	7, 41	0,″75
20	8, 09	3, 03	6, 42	0, 99
1 0 7	10, 88	2, 79	5, 23	1, 19
10	13, 35	2, 47	3, 88	1, 35
20	15, 41	2, 06	2, 43	1, 45
2 0 8	17, 01	1, 60	+ 0, 92 —	1, 51
10	18, 10	1, 09	— 0, 63 +	1, 55
20	18, 63	0, 53	2, 18	1, 55
3 0 9	18, 59	0, 04	3, 66	1, 48
10	17, 98	0, 61	5, 02	1, 36
20	16, 84	1, 14	6, 22	1, 20
4 0 10	15, 20	1, 64	7, 24	1, 02
10	13, 08	2, 12	8, 04	0, 80
20	10, 56	2, 52	8, 59	0, 55
5 0 11	7, 72	2, 84	8, 88	0, 29
10	4, 66	3, 06	8, 90	0, 02
20	1, 44	3, 22	8, 66	0, 24

1 ad ϵ Scorpii, in ultimo pede auſtrino. 6. 12

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	239° 59′ 3″	+ 55,″17	CAILLE 27°53′ 8″	+ 10.″07
TOB. MAYER	239 58 59		T. MAY. 27 52 51	
DE ZACH	239 58 53		BARRY 27 52 26	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 10,″38 —		— 0,″38 +	
10	13, 63	3,″25	+ 0, 42 —	0,″80
20	16, 46	2, 83	1, 21	0, 79
1 0 7	18, 78	2, 32	1, 98	0, 77
10	20, 54	1, 76	2, 70	0, 72
20	21, 68	1, 14	3, 34	0, 64
2 0 8	22, 15	0, 47	3, 86	0, 52
10	21, 96	0, 19	4, 26	0, 40
20	21, 10	0, 86	4, 53	0, 27
3 0 9	19, 59	1, 51	4, 67	0, 14
10	17, 50	2, 09	4, 67	0, 00
20	14, 87	2, 63	4, 53	0, 14
4 0 10	11, 79	3, 08	4, 25	0, 28
10	8, 35	3, 44	3, 84	0, 41
20	4, 65	3, 70	3, 32	0, 52
5 0 11	+ 0, 81 —	3, 84	2, 70	0, 62
10	— 3, 05 +	3, 86	1, 98	0, 72
20	6, 82	3, 77	1, 19	0, 79

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″52 +		+ 8,″27 —	
10	5, 89	3,″37	7, 53	0,″74
20	9, 08	3, 19	6, 55	0, 98
1 0 7	11, 99	2, 91	5, 37	1, 18
10	14, 53	2, 54	4, 03	1, 34
20	16, 63	2, 10	2, 58	1, 45
2 0 8	18, 24	1, 61	+ 1, 05 —	1, 53
10	19, 29	1, 05	— 0, 51 +	1, 56
20	19, 74	0, 45	2, 06	1, 55
3 0 9	19, 60	0, 14	3, 55	1, 49
10	18, 86	0, 74	4, 93	1, 38
20	17, 56	1, 31	6, 16	1, 23
4 0 10	15, 72	1, 84	7, 21	1, 05
10	13, 39	2, 33	8, 03	0, 82
20	10, 66	2, 73	8, 61	0, 58
5 0 11	7, 61	3, 05	8, 93	0, 32
10	4, 33	3, 28	8, 98	0, 05
20	0, 91	3, 42	8, 75	0, 23

ν Scorpii, duarum adjac. boreae frontis borea. 4. 14

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	240° 5′ 51″		CAILLE 18°55′43″	
BRADLEY	240 5 56		BRADL. 18 55 41	
TOB. MAYER	240 5 57		T. MAY. 18 55 37	
DE LAMBRE	240 5 47		BARRY 18 55 39	
DE ZACH	240 5 44	51,″96	I.LAND. 18 55 37	10,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 9,″66 —		+ 2,″39 —	
10	12, 70	3,″04	2, 91	0,″52
20	15, 35	2, 65	3, 34	0, 43
1 0 7	17, 54	2, 19	3, 68	0, 34
10	19, 19	1, 65	3, 91	0, 23
20	20, 26	1, 07	4, 03	0, 12
2 0 8	20, 72	0, 46	3, 99	0, 04
10	20, 53	0, 19	3, 85	0, 14
20	19, 73	0, 80	3, 59	0, 26
3 0 9	18, 33	1, 40	3, 23	0, 36
10	16, 36	1, 97	2, 77	0, 46
20	13, 91	2, 45	2, 22	0, 55
4 0 10	11, 04	2, 87	1, 60	0, 62
10	7, 83	3, 21	0, 93	0, 67
20	4, 37	3, 46	+ 0, 24 —	0, 69
5 0 11	+ 0, 77 —	3, 60	— 0, 46 +	0, 70
10	— 2, 83 +	3, 60	1, 14	0, 68
20	6, 34	3, 51	1, 79	0, 65

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″63 +		+ 8,″27 —	
10	4, 82	3,″19	7, 53	0,″74
20	7, 85	3, 03	6, 56	0, 97
1 0 7	10, 64	2, 79	5, 39	1, 17
10	13, 12	2, 48	4, 06	1, 33
20	15, 20	2, 08	2, 61	1, 45
2 0 8	16, 80	1, 60	+ 1, 07 —	1, 54
10	17, 90	1, 10	— 0, 50 +	1, 57
20	18, 46	0, 56	2, 05	1, 55
3 0 9	18, 46	0, 00	3, 54	1, 49
10	17, 89	0, 57	4, 92	1, 38
20	16, 78	1, 11	6, 15	1, 23
4 0 10	15, 16	1, 62	7, 20	1, 05
10	13, 08	2, 08	8, 03	0, 83
20	10, 61	2, 47	8, 61	0, 58
5 0 11	7, 81	2, 80	8, 93	0, 32
10	4, 79	3, 02	8, 98	0, 05
20	1, 60	3, 19	8, 76	0, 22

χ Scorpii. 5. 15

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	240° 15′ 34″		FLAMST 9° 32′ 19″	
DE ZACH	240 16 7	+ 48,″93	BARRY 9 31 53 L.LAND. 9 31 28	+ 10,″00

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑	0	6	+ 9,″22 —		+ 5,″24 —	
	10		12, 13	2,″91	5, 45	0,″21
	20		14, 68	2, 55	5, 49	0, 04
				2, 10		0, 13
♑	0	7	16, 78		5, 36	
	10		18, 37	1, 59	5, 08	0, 28
	20		19, 41	1, 04	4, 64	0, 44
				0, 45		0, 60
♑	0	8	19, 86		4, 04	
	10		19, 70	0, 16	3, 33	0, 71
	20		18, 94	0, 76	2, 52	0, 81
				1, 33		0, 87
♑	0	9	17, 61		1, 65	
	10		15, 75	1, 86	+ 0, 71 —	0, 94
	20		13, 41	2, 34	— 0, 25 +	0, 96
				2, 75		0, 94
♑	0	10	10, 66		1, 19	
	10		7, 58	3, 08	2, 10	0, 91
	20		4, 27	3, 31	2, 96	0, 86
				3, 44		0, 76
♑	0	11	+ 0, 83 —		3, 72	
	10		— 2, 64 +	3, 47	4, 36	0, 64
	20		6, 03	3, 39	4, 88	0, 52

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑	0	6	— 0,″79 +		+ 8,″29 —	
	10		3, 80	3,″01	7, 55	0,″74
	20		6, 70	2, 89	6, 58	0, 97
				2, 68		1, 17
♑	0	7	9, 38		5, 41	
	10		11, 78	2, 40	4, 08	1, 33
	20		13, 82	2, 04	2, 64	1, 44
				1, 63		1, 53
♑	0	8	15, 45		+ 1, 11 —	
	10		16, 61	1, 16	— 0, 46 +	1, 57
	20		17, 26	0, 65	2, 02	1, 56
				0, 13		1, 49
♑	0	9	17, 39		3, 51	
	10		16, 99	0, 40	4, 90	1, 39
	20		16, 07	0, 92	6, 14	1, 24
				1, 41		1, 05
♑	0	10	14, 66		7, 19	
	10		12, 80	1, 86	8, 01	0, 82
	20		10, 56	2, 24	8, 59	0, 58
				2, 56		0, 33
♑	0	11	8, 00		8, 92	
	10		5, 20	2, 80	8, 97	0, 05
	20		2, 24	2, 96	8, 76	0, 21

18 Scorpii. 4. 18

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	241° 11′ 24″	+ 48,″41	FLAMST 7°49′12″	+ 9,″72
DE ZACH	241 11 22		BARRY 7 49 37	
			L.LAND. 7 49 30	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♎ 0 0 6	+ 8,″92 —		+ 5,″73 —	
10	11, 86	2,″94	5, 87	0,″14
20	14, 44	2, 58	5, 82	0, 05
1 0 7	16, 57	2, 13	5, 60	0, 22
10	18, 20	1, 63	5, 24	0, 36
20	19, 28	1, 08	4, 68	0, 56
2 0 8	19, 78	0, 50	3, 99	0, 69
10	19, 67	0, 11	3, 19	0, 80
20	18, 96	0, 71	2, 28	0, 91
3 0 9	17, 68	1, 28	1, 31	0, 97
10	15, 87	1, 81	+ 0, 29 —	1, 02
20	13, 58	2, 29	— 0, 73 +	1, 02
4 0 10	10, 87	2, 71	1, 72	0, 99
10	7, 83	3, 04	2, 67	0, 95
20	4, 55	3, 28	3, 56	0, 89
5 0 11	+ 1, 12 —	3, 43	4, 31	0, 75
10	— 2, 34 +	3, 46	4, 93	0, 64
20	5, 72	3, 38	5, 41	0, 48

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♎ 0 0 6	— 0,″63 +		+ 8,″36 —	
10	3, 61	2,″98	7, 64	0,″72
20	6, 49	2, 88	6, 69	0, 95
1 0 7	9, 16	2, 67	5, 54	1, 15
10	11, 55	2, 39	4, 22	1, 32
20	13, 59	2, 04	2, 77	1, 45
2 0 8	15, 22	1, 63	+ 1, 23 —	1, 54
10	16, 39	1, 17	— 0, 35 +	1, 58
20	17, 06	0, 67	1, 91	1, 56
3 0 9	17, 20	0, 14	3, 41	1, 50
10	16, 82	0, 38	4, 81	1, 40
20	15, 94	0, 88	6, 06	1, 25
4 0 10	14, 58	1, 36	7, 12	1, 06
10	12, 77	1, 81	7, 97	0, 85
20	10, 57	2, 20	8, 58	0, 61
5 0 11	8, 06	2, 51	8, 93	0, 35
10	5, 30	2, 76	9, 01	0, 08
20	2, 37	2, 93	8, 82	0, 19

σ Scorpii, praeced. trium lucidar. in corpore. 5. 20

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	242° 15′ 53″		CAILLE 25° 5′ 52″	
BRADLEY	242 15 51		BRADL. 25 5 59	
TOB. MAYER	242 15 50		T. MAY. 25 5 50	
DE LAMBRE	242 15 47	+	BARRY 25 5 54	+
DE ZACH	242 15 45	54,″31	L.I.AND. 25 5 44	9,″38

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 6	+ 9,″42 —		+ 0,″34 —	
10	12, 68	3,″26	1, 02	0,″68
20	15, 56	2, 88	1, 67	0, 65
♌ 0 7	17, 96	2, 40	2, 26	0, 59
10	19, 80	1, 84	2, 78	0, 52
20	21, 04	1, 24	3, 22	0, 44
♌ 0 8	21, 66	0, 62	3, 57	0, 35
10	21, 61	0, 05	3, 81	0, 24
20	20, 89	0, 72	3, 94	0, 13
♌ 0 9	19, 56	1, 33	3, 94	0, 00
10	17, 63	1, 93	3, 82	0, 12
20	15, 15	2, 48	3, 60	0, 22
♌ 0 10	12, 22	2, 93	3, 26	0, 34
10	8, 93	3, 29	2, 82	0, 44
20	5, 36	3, 57	2, 29	0, 53
♌ 0 11	+ 1, 62 —	3, 74	1, 69	0, 60
10	— 2, 16 +	3, 78	1, 04	0, 65
20	5, 88	3, 72	0, 36	0, 68

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 6	— 2,″08 +		+ 8,″45 —	
10	5, 40	3,″32	7, 74	0,″71
20	8, 56	3, 16	6, 80	0, 94
♑ 0 7	11, 43	2, 89	5, 66	1, 14
10	14, 00	2, 55	4, 35	1, 31
20	16, 11	2, 13	2, 90	1, 45
♑ 0 8	17, 77	1, 64	+ 1, 36 —	1, 54
10	18, 85	1, 08	— 0, 21 +	1, 57
20	19, 36	0, 51	1, 77	1, 56
♑ 0 9	19, 29	0, 07	3, 29	1, 52
10	18, 64	0, 65	4, 71	1, 42
20	17, 43	1, 21	5, 98	1, 27
♑ 0 10	15, 68	1, 75	7, 07	1, 09
10	13, 44	2, 24	7, 95	0, 88
20	10, 80	2, 64	8, 58	0, 63
♑ 0 11	7, 84	2, 96	8, 95	0, 37
10	4, 66	3, 18	9, 05	0, 10
20	1, 31	3, 35	8, 88	0, 17

α Scorpii, media trium lucidarum in corpore dicta ANTARES. I. ♐ 21

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	244° 17′ 33″		LA CAILLE 25° 58′ 27″	
BRADLEY	244 17 32		BRADLEY 25 58 26	
TOB. MAYER	244 17 29		T. MAYER 25 58 22	
MASKELYNE	244 17 25		MASKELYNE 25 58 23	
			BARRY 25 58 21	
		+ 54,″80	LA LANDE 25 58 23	+ 8,″75

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″85 —		— 0,″07 +	
10	12, 20	3,″35	+ 0, 59 —	0,″66
20	15, 14	2, 95	1, 23	0, 64
		2, 55		0, 60
1 0 7	17, 70		1, 83	
10	19, 68	1, 99	2, 38	0, 55
20	21, 06	1, 38	2, 86	0, 48
		0, 74		0, 39
2 0 8	21, 81		3, 25	
10	21, 87	0, 07	3, 54	0, 29
20	21, 28	0, 60	3, 72	0, 18
		1, 25		0, 08
3 0 9	20, 03		3, 80	
10	18, 21	1, 82	3, 76	0, 04
20	15, 81	2, 40	3, 59	0, 17
		2, 88		0, 27
4 0 10	12, 93		3, 32	
10	9, 67	3, 26	2, 95	0, 37
20	6, 11	3, 56	2, 50	0, 45
		3, 75		0, 53
5 0 11	+ 2, 36 —		1, 97	
10	— 1, 46 +	3, 82	1, 37	0, 60
20	5, 23	3, 77	0, 73	0, 64

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″02 +		+ 8,″59 —	
10	5, 37	3,″35	7, 93	0,″66
20	8, 56	3, 19	7, 01	0, 92
		2, 93		1, 12
1 0 7	11, 49		5, 89	
10	14, 06	2, 57	4, 60	1, 29
20	16, 20	2, 14	3, 17	1, 43
		1, 66		1, 53
2 0 8	17, 86		1, 64	
10	18, 99	1, 13	+ 0, 06 —	1, 58
20	19, 53	0, 54	— 1, 52 +	1, 58
		0, 06		1, 54
3 0 9	19, 47		3, 06	
10	18, 82	0, 65	4, 51	1, 45
20	17, 61	1, 21	5, 82	1, 31
		1, 76		1, 13
4 0 10	15, 85		6, 95	
10	13, 61	2, 24	7, 87	0, 92
20	10, 96	2, 65	8, 55	0, 68
		2, 98		0, 42
5 0 11	7, 98		8, 97	
10	4, 77	3, 21	9, 12	0, 15
20	1, 45	3, 32	8, 99	0, 13

22 Scorpii. 5.

22

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	244° 30′ 56″		CAILLE 24°39′23″	
DE ZACH	244 31 4	+ 54,″31	L.LAND. 24 39 20	+ 8,″68

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″68 —		— 0,″57 +	
10	12, 00	3,″32	+ 0, 13 —	0,″70
20	14, 96	2, 96	0, 85	0, 72
1 0 7	17, 46	2, 50	1, 47	0, 72
10	19, 42	1, 96	2, 14	0, 67
20	20, 80	1, 38	2, 71	0, 57
2 0 8	21, 56	0, 76	3, 18	0, 47
10	21, 65	0, 09	3, 57	0, 39
20	21, 07	0, 58	3, 86	0, 29
3 0 9	19, 86	1, 21	4, 02	0, 16
10	18, 05	1, 81	4, 05	0, 03
20	15, 69	2, 36	3, 95	0, 10
4 0 10	12, 85	2, 84	3, 74	0, 21
10	9, 63	3, 22	3, 42	0, 32
20	6, 12	3, 51	3, 00	0, 42
5 0 11	+ 2, 41 —	3, 71	2, 48	0, 52
10	— 1, 37 +	3, 78	1, 90	0, 58
20	5, 10	3, 73	1, 25	0, 65

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″88 +		+ 8,″61 —	
10	5, 22	3,″34	7, 95	0,″66
20	8, 38	3, 16	7, 04	0, 91
1 0 7	11, 27	2, 89	5, 92	1, 12
10	13, 83	2, 56	4, 63	1, 29
20	15, 98	2, 15	3, 20	1, 43
2 0 8	17, 65	1, 67	1, 66	1, 54
10	18, 77	1, 12	+ 0, 08 —	1, 58
20	19, 32	0, 55	— 1, 50 +	1, 58
3 0 9	19, 29	0, 03	3, 05	1, 55
10	18, 67	0, 62	4, 50	1, 45
20	17, 49	1, 18	5, 81	1, 31
4 0 10	15, 77	1, 72	6, 95	1, 14
10	13, 56	2, 21	7, 88	0, 93
20	10, 95	2, 61	8, 56	0, 68
5 0 11	8, 02	2, 93	8, 98	0, 42
10	4, 84	3, 18	9, 13	0, 15
20	1, 49	3, 35	9, 00	0, 13

τ Scorpii, auſtrina trium lucidarum in corpore. 4. 23

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Ault.	Var. ann. Decl. med.
DE LA CAILLE	245° 51′ 51″		CAILLE 27° 47′ 7″	
BRADLEY	245 51 52		BRADL. 27 47 14	
TOB. MAYER	245 51 47		T. MAY. 27 47 4	
DE LAMBRE	245 51 48		BARRY 27 47 6	
DE ZACH	245 51 42	55,″64	L. LAND. 27 47 3	8,″25

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″51 —		— 0,″74 +	
10	11, 95	3,″45	0, 07	0,″67
20	15, 04	3, 09	+ 0, 60 —	0, 67
1 0 7	17, 68	2, 64	1, 26	0, 66
10	19, 78	2, 10	1, 89	0, 63
20	21, 27	1, 49	2, 45	0, 56
2 0 8	22, 12	0, 85	2, 94	0, 49
10	22, 30	0, 18	3, 33	0, 39
20	21, 79	0, 51	3, 63	0, 30
3 0 9	20, 62	1, 17	3, 81	0, 18
10	18, 83	1, 79	3, 88	0, 07
20	16, 47	2, 36	3, 84	0, 04
4 0 10	13, 61	2, 86	3, 68	0, 16
10	10, 33	3, 28	3, 40	0, 28
20	6, 74	3, 59	3, 02	0, 38
5 0 11	+ 2, 94 —	3, 80	2, 56	0, 46
10	— 0, 94 +	3, 88	2, 01	0, 55
20	4, 79	3, 85	1, 40	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″06 +		+ 8,″69 —	
10	5, 46	3,″40	8, 05	0,″64
20	8, 69	3, 23	7, 17	0, 88
1 0 7	11, 66	2, 97	6, 07	1, 10
10	14, 28	2, 62	4, 79	1, 28
20	16, 46	2, 18	3, 36	1, 43
2 0 8	18, 14	1, 68	1, 83	1, 53
10	19, 27	1, 13	+ 0, 25 —	1, 58
20	19, 82	0, 55	— 1, 33 +	1, 58
3 0 9	19, 76	0, 06	2, 88	1, 55
10	19, 10	0, 66	4, 35	1, 47
20	17, 87	1, 23	5, 69	1, 34
4 0 10	16, 09	1, 78	6, 86	1, 17
10	13, 82	2, 27	7, 81	0, 95
20	11, 13	2, 69	8, 52	0, 71
5 0 11	8, 11	3, 02	8, 98	0, 46
10	4, 84	3, 27	9, 16	0, 18
20	1, 41	3, 43	9, 06	0, 10

m Scorpii. 6. 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	247° 30′ 31″		CAILLE 17°20′21″	
TOB. MAYER	247 30 25		T. MAY. 17 20 25	
DE ZACH	247 30 12	+ 51″,79	BARRY 17 20 32	+ 7″,71

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 7″,37 —		+ 2″,55 —	
10	10, 62	3″,25	2, 92	0″,37
20	13, 54	2, 92	3, 19	0, 27
1 0 7	16, 04	2, 50	3, 37	0, 18
10	18, 07	2, 02	3, 44	0, 07
20	19, 56	1, 49	3, 40	0, 04
2 0 8	20, 46	0, 90	3, 26	0, 14
10	20, 72	0, 26	3, 02	0, 24
20	20, 34	0, 38	2, 69	0, 33
3 0 9	19, 35	0, 99	2, 28	0, 41
10	17, 78	1, 57	1, 80	0, 48
20	15, 68	2, 10	1, 26	0, 54
4 0 10	13, 09	2, 59	0, 69	0, 57
10	10, 10	2, 99	+ 0, 10 —	0, 59
20	6, 81	3, 29	— 0, 50 +	0, 60
5 0 11	+ 3, 31 —	3, 50	1, 09	0, 59
10	— 0, 29 +	3, 60	1, 63	0, 54
20	3, 89	3, 60	2, 12	0, 49

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1″,14 +		+ 8″,80 —	
10	4, 35	3″,19	8, 19	0″,61
20	7, 38	3, 05	7, 34	0, 85
1 0 7	10, 20	2, 82	6, 27	1, 07
10	12, 70	2, 50	5, 01	1, 26
20	14, 82	2, 12	3, 58	1, 43
2 0 8	16, 50	1, 68	2, 05	1, 53
10	17, 68	1, 18	+ 0, 47 —	1, 58
20	18, 31	0, 63	— 1, 13 +	1, 60
3 0 9	18, 39	0, 08	2, 70	1, 57
10	17, 92	0, 47	4, 19	1, 49
20	16, 90	1, 02	5, 55	1, 36
4 0 10	15, 37	1, 53	6, 75	1, 20
10	13, 36	2, 01	7, 74	0, 99
20	10, 95	2, 41	8, 48	0, 74
5 0 11	8, 21	2, 74	8, 98	0, 50
10	5, 23	2, 98	9, 20	0, 22
20	2, 08	3, 15	9, 14	0, 06

ε Scorpii, in primo a corpore caudae ſpondylo. 3. 26

	Ascens. rect. med.	Var. ann.	Declin. med. Auſt.	Var. ann.
DE LA CAILLE	249° 19′ 7″		CAILLE 33°54′40″	
TOB. MAYER	249 19 3	Æ. med.	T. MAY. 33 54 47	Decl. med.
DE LAMBRE	249 18 31	+	BARRY 33 54 44	+
DE ZACH	249 18 25	58,″61	L.LAND. 33 54 39	7,″14

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 7,″82 —		— 2,″95 +	
10	11, 62	3,″80	2, 22	0,″73
20	15, 06	3, 44	1, 44	0, 78
		2, 98		0, 84
1 0 7	18, 04		— 0, 60 +	
10	20, 47	2, 43	+ 0, 26 —	0, 86
20	22, 28	1, 81	1, 11	0, 85
		1, 14		0, 82
2 0 8	23, 42		1, 93	
10	23, 85	0, 43	2, 68	0, 75
20	23, 56	0, 29	3, 36	0, 68
		1, 01		0, 58
3 0 9	22, 55		3, 94	
10	20, 85	1, 70	4, 40	0, 46
20	18, 52	2, 33	4, 72	0, 32
		2, 90		0, 16
4 0 10	15, 62		4, 88	
10	12, 25	3, 37	4, 91	0, 03
20	8, 51	3, 74	4, 80	0, 11
		4, 00		0, 26
5 0 11	4, 51		4, 54	
10	+ 0, 37 —	4, 14	4, 14	0, 40
20	— 3, 78 +	4, 15	3, 60	0, 54

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″27 +		+ 8,″93 —	
10	5, 86	3,″59	8, 35	0,″58
20	9, 26	3, 40	7, 52	0, 83
		3, 11		1, 05
1 0 7	12, 37		6, 47	
10	15, 11	2, 74	5, 23	1, 24
20	17, 40	2, 29	3, 82	1, 41
		1, 76		1, 53
2 0 8	19, 16		2, 29	
10	20, 34	1, 18	+ 0, 69 —	1, 60
20	20, 89	0, 55	— 0, 92 +	1, 61
		0, 08		1, 58
3 0 9	20, 81		2, 50	
10	20, 11	0, 70	4, 01	1, 51
20	18, 80	1, 31	5, 40	1, 39
		1, 89		1, 23
4 0 10	16, 91		6, 63	
10	14, 48	2, 43	7, 66	1, 03
20	11, 62	2, 86	8, 45	0, 79
		3, 19		0, 53
5 0 11	8, 43		8, 98	
10	5, 00	3, 43	9, 24	0, 26
20	1, 39	3, 61	9, 22	0, 02

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	249° 35′ 19″		CAILLE 37°41′15″	
DE ZACH	249 35 3	+ 60,″50	L.LAND. 37 40 53	+ 7,″06

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″07 —		— 4,″21 +	
10	12, 05	3,″98	3, 37	0,″84
20	15, 67	3, 62	2, 48	0, 89
1 0 7	18, 82	3, 15	1, 51	0, 97
10	21, 40	2, 58	— 0, 49 +	1, 02
20	23, 32	1, 92	+ 0, 55 —	1, 04
2 0 8	24, 54	1, 22	1, 58	1, 03
10	25, 01	0, 47	2, 57	0, 99
20	24, 72	0, 29	3, 50	0, 93
3 0 9	23, 68	1, 04	4, 35	0, 85
10	21, 92	1, 76	4, 97	0, 62
20	19, 50	2, 42	5, 45	0, 48
4 0 10	16, 49	3, 01	5, 78	0, 33
10	12, 97	3, 52	5, 95	0, 17
20	9, 04	3, 93	5, 95	0, 00
5 0 11	4, 83	4, 21	5, 77	0, 18
10	+ 0, 50 —	4, 33	5, 43	0, 34
20	— 3, 83 +	4, 33	4, 86	0, 59

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″56 +		+ 8,″94 —	
10	6, 25	3,″69	8, 37	0,″57
20	9, 76	3, 51	7, 55	0, 82
1 0 7	12, 98	3, 22	6, 50	1, 05
10	15, 79	2, 81	5, 27	1, 24
20	18, 11	2, 32	3, 85	1, 40
2 0 8	19, 89	1, 78	2, 33	1, 53
10	21, 07	1, 18	+ 0, 73 —	1, 60
20	21, 60	0, 53	— 0, 88 +	1, 61
3 0 9	21, 49	0, 11	2, 46	1, 58
10	20, 73	0, 76	3, 97	1, 51
20	19, 33	1, 40	5, 37	1, 40
4 0 10	17, 33	2, 00	6, 61	1, 24
10	14, 80	2, 53	7, 65	1, 04
20	11, 83	2, 97	8, 45	0, 80
5 0 11	8, 52	3, 31	8, 99	0, 54
10	4, 94	3, 58	9, 25	0, 26
20	1, 21	3, 73	9, 23	0, 02

DE LA CAILLE	Ascens. rect. med. 250° 8′ 15″	Var. ann. Æ. med. + 62,″97	Declin. med. Auſt. CAILLE 41°59′50″	Var. ann. Decl. med. + 6,″87
Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″41 —		— 5,″60 +	
10	12, 68	4,″27	4, 73	0,″87
20	16, 56	3, 88	3, 72	1, 01
1 0 7	19, 93	3, 37	2, 60	1, 12
10	22, 70	2, 77	1, 38	1, 22
20	24, 79	2, 09	— 0, 13 +	1, 25
2 0 8	26, 12	1, 33	+ 1, 13 —	1, 26
10	26, 64	0, 52	2, 36	1, 23
20	26, 37	0, 27	3, 51	1, 15
3 0 9	25, 31	1, 06	4, 56	1, 05
10	23, 47	1, 84	5, 46	0, 90
20	20, 91	2, 56	6, 19	0, 73
4 0 10	17, 72	3, 19	6, 76	0, 57
10	13, 99	3, 73	7, 11	0, 35
20	9, 83	4, 16	7, 24	0, 13
5 0 11	5, 37	4, 46	7, 15	0, 09
10	+ 0, 75 —	4, 62	6, 83	0, 32
20	— 3, 89 +	4, 64	6, 31	0, 52
Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″92 +		+ 8,″99 —	
10	6, 76	3,″84	8, 42	0,″57
20	10, 39	3, 63	7, 60	0, 82
1 0 7	13, 70	3, 31	6, 56	1, 04
10	16, 60	2, 90	5, 33	1, 23
20	18, 99	2, 39	3, 92	1, 41
2 0 8	20, 82	1, 83	2, 39	1, 53
10	22, 01	1, 19	+ 0, 79 —	1, 60
20	22, 52	0, 51	— 0, 83 +	1, 62
3 0 9	22, 35	0, 17	2, 42	1, 59
10	21, 51	0, 84	3, 94	1, 52
20	20, 01	1, 50	5, 34	1, 40
4 0 10	17, 90	2, 11	6, 58	1, 24
10	15, 23	2, 67	7, 62	1, 04
20	12, 12	3, 11	8, 42	0, 80
5 0 11	8, 65	3, 47	8, 96	0, 54
10	4, 91	3, 74	9, 24	0, 28
20	1, 01	3, 90	9, 25	0, 01

28 Scorpii. 6. 28

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	253° 33′ 58″		CAILLE 21°16′11″	
TOB. MAYER	253 34 7		T. MAY. 21 16 15	
DE ZACH	253 33 57	+ 53,″49	BARRY 21 16 13	+ 5,″72

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 5,″56 —		+ 1,″06 —	
10	9, 05	3,″49	1, 40	0,″34
20	12, 27	3, 22	1, 71	0, 31
1 0 7	15, 11	2, 84	1, 96	0, 25
10	17, 49	2, 38	2, 15	0, 19
20	19, 34	1, 85	2, 28	0, 13
2 0 8	20, 61	1, 27	2, 33	0, 05
10	21, 26	0, 65	2, 30	0, 03
20	21, 25	0, 01	2, 21	0, 09
3 0 9	20, 59	0, 66	2, 07	0, 14
10	19, 31	1, 28	1, 86	0, 21
20	17, 44	1, 87	1, 59	0, 27
4 0 10	15, 04	2, 40	1, 28	0, 31
10	12, 19	2, 85	0, 92	0, 36
20	8, 97	3, 22	0, 52	0, 40
5 0 11	5, 48	3, 49	+ 0, 11 —	0, 41
10	+ 1, 82 —	3, 66	— 0, 30 +	0, 41
20	— 1, 90 +	3, 72	0, 69	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″05 +		+ 9,″15 —	
10	4, 34	3,″29	8, 65	0,″50
20	7, 49	3, 15	7, 91	0, 74
1 0 7	10, 40	2, 91	6, 92	0, 99
10	13, 01	2, 61	5, 72	1, 20
20	15, 23	2, 22	4, 34	1, 38
2 0 8	16, 98	1, 75	2, 84	1, 50
10	18, 21	1, 23	+ 1, 25 —	1, 59
20	18, 89	0, 68	— 0, 37 +	1, 62
3 0 9	19, 00	0, 11	1, 99	1, 62
10	18, 52	0, 48	3, 56	1, 57
20	17, 48	1, 04	4, 82	1, 46
4 0 10	15, 92	1, 56	6, 32	1, 30
10	13, 88	2, 04	7, 42	1, 10
20	11, 41	2, 47	8, 30	0, 88
5 0 11	8, 58	2, 83	8, 92	0, 62
10	5, 50	3, 08	9, 28	0, 36
20	2, 26	3, 24	9, 36	0, 08

2 ad ζ Scorpii. 3. 65

DE LA CAILLE	Ascens. rect. med. 250° 8′ 15″	Var. ann. Æ. med. + 62,″97	Declin. med. Auſt. CAILLE 41°59′50″	Var. ann. Decl. med. + 6,″87
Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 8,″41 —		— 5,″60 +	
10	12, 68	4,″27	4, 73	0,″87
20	16, 56	3, 88	3, 72	1, 01
		3, 37		1, 12
1 0 7	19, 93		2, 60	
10	22, 70	2, 77	1, 38	1, 22
20	24, 79	2, 09	— 0, 13 +	1, 25
		1, 33		1, 26
2 0 8	26, 12		+ 1, 13 —	
10	26, 64	0, 52	2, 36	1, 23
20	26, 37	0, 27	3, 51	1, 15
		1, 06		1, 05
3 0 9	25, 31		4, 56	
10	23, 47	1, 84	5, 46	0, 90
20	20, 91	2, 56	6, 19	0, 73
		3, 19		0, 57
4 0 10	17, 72		6, 76	
10	13, 99	3, 73	7, 11	0, 35
20	9, 83	4, 16	7, 24	0, 13
		4, 46		0, 09
5 0 11	5, 37		7, 15	
10	+ 0, 75 —	4, 62	6, 83	0, 32
20	— 3, 89 +	4, 64	6, 31	0, 52
Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″92 +		+ 8,″99 —	
10	6, 76	3,″84	8, 42	0,″57
20	10, 39	3, 63	7, 60	0, 82
		3, 31		1, 04
1 0 7	13, 70		6, 56	
10	16, 60	2, 90	5, 33	1, 23
20	18, 99	2, 39	3, 92	1, 41
		1, 83		1, 53
2 0 8	20, 82		2, 39	
10	22, 01	1, 19	+ 0, 79 —	1, 60
20	22, 52	0, 51	— 0, 83 +	1, 62
		0, 17		1, 59
3 0 9	22, 35		2, 42	
10	21, 51	0, 84	3, 94	1, 52
20	20, 01	1, 50	5, 34	1, 40
		2, 11		1, 24
4 0 10	17, 90		6, 58	
10	15, 23	2, 67	7, 62	1, 04
20	12, 12	3, 11	8. 42	0, 80
		3, 47		0, 54
5 0 11	8, 65		8, 96	
10	4, 91	3, 74	9, 24	0, 28
20	1, 01	3, 90	9, 25	0, 01

28 Scorpii. 6. 28

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Anſt.	Var. ann. Decl. med.
DE LA CAILLE	253° 33′ 58″	+ 53,″49	CAILLE 21°16′11″	+ 5,″72
TOB. MAYER	253 34 7		T. MAY. 21 16 15	
DE ZACH	253 33 57		BARRY 21 16 13	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 5,″56 —		+ 1,″06 —	
10	9, 05	3,″49	1, 40	0,″34
20	12, 27	3, 22	1, 71	0, 31
1 0 7	15, 11	2, 84	1, 96	0, 25
10	17, 49	2, 38	2, 15	0, 19
20	19, 34	1, 85	2, 28	0, 13
2 0 8	20, 61	1, 27	2, 33	0, 05
10	21, 26	0, 65	2, 30	0, 03
20	21, 25	0, 01	2, 21	0, 09
3 0 9	20, 59	0, 66	2, 07	0, 14
10	19, 31	1, 28	1, 86	0, 21
20	17, 44	1, 87	1, 59	0, 27
4 0 10	15, 04	2, 40	1, 28	0, 31
10	12, 19	2, 85	0, 92	0, 36
20	8, 97	3, 22	0, 52	0, 40
5 0 11	5, 48	3, 49	+ 0, 11 —	0, 41
10	+ 1, 82 —	3, 66	— 0, 30 +	0, 41
20	— 1, 90 +	3, 72	0, 69	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″05 +		+ 9,″15 —	
10	4, 34	3,″29	8, 65	0,″50
20	7, 49	3, 15	7, 91	0, 74
1 0 7	10, 40	2, 91	6, 92	0, 99
10	13, 01	2, 61	5, 72	1, 20
20	15, 23	2, 22	4, 34	1, 38
2 0 8	16, 98	1, 75	2, 84	1, 50
10	18, 21	1, 23	+ 1, 25 —	1, 59
20	18, 89	0, 68	— 0, 37 +	1, 62
3 0 9	19, 00	0, 11	1, 99	1, 62
10	18, 52	0, 48	3, 56	1, 57
20	17, 48	1, 04	4, 82	1, 46
4 0 10	15, 92	1, 56	6, 32	1, 30
10	13, 88	2, 04	7, 42	1, 10
20	11, 41	2, 47	8, 30	0, 88
5 0 11	8, 58	2, 83	8, 92	0, 62
10	5, 50	3, 08	9, 28	0, 36
20	2, 26	3, 24	9, 36	0, 08

30 Scorpii. 6.

30

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
TOB. MAYER	255° 59′ 35″	+ 55,″59	T. MAY. 26°13′40″	+ 4,″90
DE ZACH	255 59 8		BARRY 26 13 37	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 4,″95 —		— 0,″72 +	
10	8, 62	3,″67	0, 33	0,″39
20	12, 05	3, 43	+ 0, 06 —	0, 39
1 0 7	15, 10	3, 05	0, 45	0, 39
10	17, 70	2, 60	0, 83	0, 38
20	19, 75	2, 05	1, 18	0, 35
2 0 8	21, 21	1, 46	1, 50	0, 32
10	22, 02	0, 81	1, 77	0, 27
20	22, 16	0, 14	1, 99	0, 22
3 0 9	21, 64	0, 52	2, 15	0, 16
10	20, 46	1, 18	2, 26	0, 11
20	18, 65	1, 81	2, 30	0, 04
4 0 10	16, 27	2, 38	2, 24	0, 06
10	13, 39	2, 88	2, 10	0, 14
20	10, 11	3, 28	1, 91	0, 19
5 0 11	6, 52	3, 59	1, 68	0, 23
10	+ 2, 74 —	3, 78	1, 41	0, 27
20	— 1, 12 +	3, 86	1, 09	0, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″13 +		+ 9,″25 —	
10	4, 55	3,″42	8, 81	0,″44
20	7, 83	3, 28	8, 10	0, 71
1 0 7	10, 86	3, 03	7, 16	0, 94
10	13, 56	2, 70	5, 99	1, 17
20	15, 85	2, 29	4, 63	1, 36
2 0 8	17, 67	1, 82	3, 13	1, 50
10	18, 95	1, 28	+ 1, 54 —	1, 59
20	19, 64	0, 69	— 0, 08 +	1, 62
3 0 9	19, 74	0, 10	1, 70	1, 62
10	19, 25	0, 49	3, 29	1, 59
20	18, 17	1, 08	4, 78	1, 49
4 0 10	16, 52	1, 65	6, 12	1, 34
10	14, 39	2, 13	7, 27	1, 15
20	11, 82	2, 57	8, 20	0, 93
5 0 11	8, 89	2, 93	8, 87	0, 67
10	5, 69	3, 20	9, 28	0, 41
20	2, 31	3, 38	9, 41	0, 13

υ Scorpii, duarum in aculeo caudae praecedens. 4. 34

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	259° 17′ 46″		CAILLE 37° 7′ 9″	
DE ZACH	259 17 36	+ 60,″91	BARRY 37 6 56	+ 3,″79

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 4,″28 —		— 4,″49 +	
10	8, 48	4,″20	4, 03	0,″46
20	12, 43	3, 95	3, 46	0, 57
1 0 7	16, 01	3, 58	2, 78	0, 68
10	19, 10	3, 09	2, 01	0, 77
20	21, 62	2, 52	1, 18	0, 83
2 0 8	23, 48	1, 86	— 0, 31 +	0, 87
10	24, 62	1, 14	+ 0, 58 —	0, 89
20	25, 01	0, 39	1, 44	0, 86
3 0 9	24, 65	0, 36	2, 24	0, 80
10	23, 53	1, 12	2, 98	0, 76
20	21, 70	1, 83	3, 64	0, 66
4 0 10	19, 21	2, 49	4, 19	0, 55
10	16, 14	3, 07	4, 61	0, 42
20	12, 58	3, 56	4, 89	0, 28
5 0 11	8, 63	3, 95	5, 02	0, 13
10	4, 43	4, 20	4, 99	0, 03
20	0, 08	4, 35	4, 81	0, 18

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″34 +		+ 9,″35 —	
10	5, 08	3,″74	8, 99	0,″36
20	8, 66	3, 58	8, 36	0, 63
1 0 7	11, 97	3, 31	7, 46	0, 90
10	14, 92	2, 95	6, 34	1, 12
20	17, 43	2, 51	5, 02	1, 32
2 0 8	19, 41	1, 98	3, 54	1, 48
10	20, 79	1, 38	1, 96	1, 58
20	21, 53	0, 74	+ 0, 33 —	1, 63
3 0 9	21, 62	0, 09	— 1, 31 +	1, 64
10	21, 06	0, 56	2, 92	1, 61
20	19, 86	1, 20	4, 44	1, 52
4 0 10	18, 06	1, 80	5, 82	1, 38
10	15, 70	2, 36	7, 03	1, 21
20	12, 87	2, 83	8, 03	1, 00
5 0 11	10, 65	3, 22	8, 78	0, 75
10	6, 15	3, 50	9, 26	0, 48
20	2, 44	3, 71	9, 45	0, 19

λ Scorpii, duarum in aculeo caudae fequens. 3. 35

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	260° 0′ 41″	+ 60,″85	CAILLE 36° 56′ 29″	+ 3,″54
TOB. MAYER	260 0 43		T. MAY. 36 56 29	
DE ZACH	260 0 30		BARRY 36 56 15	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 3,″99 —		— 4,″49 +	
10	8, 21	4,″22	4, 05	0,″44
20	12, 18	3, 97	3, 49	0, 56
1 0 7	15, 78	3, 60	2, 83	0, 66
10	18, 90	3, 12	2, 08	0, 75
20	21, 45	2, 55	1, 27	0, 81
2 0 8	23, 34	1, 89	— 0, 43 +	0, 84
10	24, 53	1, 18	+ 0, 43 —	0, 86
20	24, 97	0, 44	1, 27	0, 84
3 0 9	24, 65	0, 31	2, 08	0, 81
10	23, 59	1, 06	2, 83	0, 75
20	21, 80	1, 79	3, 49	0, 66
4 0 10	19, 34	2, 46	4, 04	0, 55
10	16, 31	3, 03	4, 47	0, 43
20	12, 79	3, 52	4, 76	0, 29
5 0 11	8, 87	3, 92	4, 92	0, 16
10	4, 68	4, 19	4, 92	0, 00
20	0, 35	4, 33	4, 77	0, 15

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″24 +		+ 9,″40 —	
10	4, 98	3,″74	9, 04	0,″36
20	8, 56	3, 58	8, 41	0, 63
1 0 7	11, 88	3, 32	7, 53	0, 88
10	14, 84	2, 96	6, 41	1, 12
20	17, 36	2, 52	5, 09	1, 32
2 0 8	19, 35	1, 99	3, 62	1, 47
10	20, 73	1, 38	2, 05	1, 57
20	21, 48	0, 75	+ 0, 42 —	1, 63
3 0 9	21, 59	0, 11	— 1, 23 +	1, 65
10	21, 06	0, 53	2, 84	1, 61
20	19, 88	1, 18	4, 37	1, 53
4 0 10	18, 09	1, 79	5, 77	1, 40
10	15, 75	2, 34	6, 98	1, 21
20	12, 94	2, 81	7, 99	1, 01
5 0 11	9, 73	3, 21	8, 75	0, 76
10	6, 22	3, 51	9, 25	0, 50
20	2, 52	3, 70	9, 47	0, 22

DE LA CAILLE	Ascens. rect. med. 262° 9′ 58″	Var. ann. Æ. med. + 62,″04	Declin. med. Auſt. CAILLE 38°54′39″	Var. ann. Decl. med. + 2,″79
Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 3,″21 —		— 5,″19 +	
10	7, 58	4,″37	4, 83	0,″36
20	11, 71	4, 13	4, 32	0, 51
1 0 7	15, 49	3, 78	3, 68	0, 64
10	18, 81	3, 32	2, 93	0, 75
20	21, 56	2, 75	2, 07	0, 86
2 0 8	23, 65	2, 09	1, 14	0, 93
10	25, 02	1, 37	— 0, 18 +	0, 96
20	25, 64	0, 62	+ 0, 78 —	0, 96
3 0 9	25, 46	0, 18	1, 71	0, 93
10	24, 51	0, 95	2, 59	0, 88
20	22, 83	1, 68	3, 39	0, 80
4 0 10	20, 46	2, 37	4, 10	0, 71
10	17, 46	3, 00	4, 66	0, 56
20	13, 93	3, 53	5, 09	0, 43
5 0 11	9, 97	3, 96	5, 36	0, 27
10	5, 71	4, 26	5, 46	0, 10
20	1, 27	4, 44	5, 40	0, 06
Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″04 +		+ 9,″44 —	
10	4, 84	3,″80	9, 13	0,″31
20	8, 51	3, 67	8, 55	0, 58
1 0 7	11, 92	3, 41	7, 71	0, 84
10	14, 97	3, 05	6, 63	1, 08
20	17, 56	2, 59	5, 34	1, 29
2 0 8	19, 61	2, 05	3, 89	1, 45
10	21, 05	1, 44	2, 33	1, 56
20	21, 87	0, 82	+ 0, 69 —	1, 62
3 0 9	22, 03	0, 16	— 0, 95 +	1, 64
10	21, 52	0, 51	2, 58	1, 63
20	20, 35	1, 17	4, 13	1, 55
4 0 10	18, 55	1, 80	5, 56	1, 43
10	16, 19	2, 36	6, 80	1, 24
20	13, 35	2, 84	7, 84	1, 04
5 0 11	10, 11	3, 24	8, 65	0, 81
10	6, 55	3, 56	9, 20	0, 55
20	2, 79	3, 76	9, 47	0, 27

DE LA CAILLE	Ascens. rect. med. 263° 24′ 13″	Var. ann. Æ. med. + 62,″74	Declin. med. Auſt. CAILLE 40° 1′ 52″	Var. ann. Decl. med. + 2,″36
Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 2,″74 —		— 5,″60 +	
10	7, 21	4,″47	5, 27	0,″33
20	11, 46	4, 25	4, 77	0, 50
1 0 7	15, 36	3, 90	4, 13	0, 64
10	18, 78	3, 42	3, 36	0, 77
20	21, 63	2, 85	2, 47	0, 89
2 0 8	23, 83	2, 20	1, 52	0, 95
10	25, 31	1, 48	— 0, 52 +	1, 00
20	26, 03	0, 72	+ 0, 48 —	1, 00
3 0 9	25, 94	0, 09	1, 48	1, 00
10	25, 06	0, 88	2, 43	0, 95
20	23, 43	1, 63	3, 31	0, 88
4 0 10	21, 09	2, 34	4, 10	0, 79
10	18, 12	2, 97	4, 75	0, 65
20	14, 58	3, 54	5, 26	0, 51
5 0 11	10, 59	3, 99	5, 62	0, 36
10	6, 29	4, 30	5, 80	0, 18
20	1, 80	4, 49	5, 79	0, 01
Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″91 +		+ 9,″46 —	
10	4, 77	3,″86	9, 18	0,″28
20	8, 49	3, 72	8, 62	0, 56
1 0 7	11, 95	3, 46	7, 80	0, 82
10	15, 03	3, 08	6, 73	1, 07
20	17, 65	2, 62	5, 45	1, 28
2 0 8	19, 74	2, 09	4, 01	1, 44
10	21, 24	1, 50	2, 46	1, 55
20	22, 09	0, 85	+ 0, 84 —	1, 62
3 0 9	22, 28	0, 19	— 0, 81 +	1, 65
10	21, 79	0, 49	2, 45	1, 64
20	20, 63	1, 16	4, 01	1, 56
4 0 10	18, 84	1, 79	5, 45	1, 44
10	16, 48	2, 36	6, 71	1, 26
20	13, 62	2, 86	7, 77	1, 06
5 0 11	10, 34	3, 28	8, 60	0, 83
10	6, 75	3, 59	9, 17	0, 57
20	2, 96	3, 79	9, 47	0, 30

2 Sagittarii. 6. 2

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	261° 41′ 12″	+ 53,″93	CAILLE 21°46′29″	+ 2,″94
DE ZACH	261 41 4		BARRY 21 46 54	
			L.LAND. 21 46 33	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
○ 0 6	+ 2,″90 —		+ 0,″73 —	
10	6, 56	3,″66	0, 94	0,″21
20	10, 01	3, 45	1, 01	0, 17
1 0 7	13, 16	3, 15	1, 14	0, 13
10	15, 92	2, 76	1, 22	0, 08
20	18, 18	2, 26	1, 26	0, 04
2 0 8	19, 90	1, 72	1, 26	0, 00
10	21, 01	1, 11	1, 22	0, 04
20	21, 48	0, 47	1, 16	0, 06
3 0 9	21, 30	0, 18	1, 07	0, 09
10	20, 47	0, 83	0, 94	0, 13
20	19, 02	1, 45	0, 78	0, 16
4 0 10	17, 00	2, 02	0, 59	0, 19
10	14, 46	2, 54	0, 38	0, 21
20	11, 48	2, 98	+ 0, 16 —	0, 22
5 0 11	8, 15	3, 33	— 0, 07 +	0, 23
10	4, 58	3, 57	0, 30	0, 23
20	0, 86	3, 72	0, 52	0, 22

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
○ 0 6	— 0,″56 +		+ 9,″42 —	
10	3, 88	3,″32	9, 09	0,″33
20	7, 08	3, 20	8, 50	0, 59
1 0 7	10, 06	2, 98	7, 65	0, 85
10	12, 74	2, 68	6, 57	1, 08
20	15, 03	2, 29	5, 29	1, 28
2 0 8	16, 87	1, 84	3, 84	1, 45
10	18, 19	1, 32	2, 26	1, 58
20	18, 96	0, 77	+ 0, 62 —	1, 64
3 0 9	19, 16	0, 20	— 1, 03 +	1, 65
10	18, 77	0, 39	2, 66	1, 63
20	17, 81	0, 96	4, 20	1, 54
4 0 10	16, 31	1, 50	5, 61	1, 41
10	14, 32	1, 99	6, 85	1, 24
20	11, 89	2, 43	7, 88	1, 03
5 0 11	9, 10	2, 79	8, 68	0, 80
10	6, 03	3, 07	9, 22	0, 54
20	2, 78	3, 25	9, 48	0, 26

p Sagittarii. 6. 3

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	263° 44′ 46″		CAILLE 27°44′20″	
BRADLEY	263 44 45		BRADL. 27 44 17	
TOB. MAYER	263 44 41		T. MAY. 27 44 17	
DE ZACH	263 44 38		BARRY 27 44 19	
		+ 56,″49	L.LAND. 27 44 6	+ 2,″23

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 2,″27 —		— 1,″43 +	
10	6, 13	3,″86	1, 23	0,″20
20	9, 79	3, 66	0, 99	0, 24
1 0 7	13, 16	3, 37	0, 73	0, 26
10	16, 14	2, 98	0, 44	0, 29
20	18, 63	2, 49	— 0, 13 +	0, 31
2 0 8	20, 55	1, 92	+ 0, 17 —	0, 30
10	21, 84	1, 29	0, 47	0, 30
20	22, 47	0, 63	0, 76	0, 29
3 0 9	22, 41	0, 06	1, 02	0, 26
10	21, 66	0, 75	1, 24	0, 22
20	20, 26	1, 40	1, 44	0, 20
4 0 10	18, 26	2, 00	1, 60	0, 16
10	15, 71	2, 55	1, 69	0, 09
20	12, 67	3, 04	1, 74	0, 05
5 0 11	9, 24	3, 43	1, 75	0, 01
10	5, 53	3, 71	1, 68	0, 07
20	1, 66	3, 87	1, 58	0, 10

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″55 +		+ 9,″47 —	
10	4, 02	3,″47	9, 19	0,″28
20	7, 37	3, 35	8, 64	0, 55
1 0 7	10, 50	3, 13	7, 83	0, 81
10	13, 32	2, 82	6, 77	1, 06
20	15, 73	2, 41	5, 51	1, 26
2 0 8	17, 66	1, 93	4, 08	1, 43
10	19, 04	1, 38	2, 52	1, 56
20	19, 85	0, 81	+ 0, 89 —	1, 63
3 0 9	20, 06	0, 21	— 0, 75 +	1, 64
10	19, 67	0, 39	2, 39	1, 64
20	18, 68	0, 99	3, 97	1, 58
4 0 10	17, 10	1, 58	5, 41	1, 44
10	15, 00	2, 10	5, 68	1, 27
20	12, 46	2, 54	7, 75	1, 07
5 0 11	9, 55	2, 91	8, 60	0, 85
10	6, 35	3, 20	9, 18	0, 58
20	2, 94	3, 41	9, 47	0, 29

b. Sagittarii, nebulos. 6. 7. 4

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	266° 53′ 43″	+ 54,″84	CAILLE 23°46′57″	+ 1,″14
BRADLEY	266 53 51		BRADL. 23 46 53	
TOB. MAYER	266 53 49		T. MAY. 23 46 51	
DE ZACH	266 53 44		BARRY 23 46 56	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	+ 1,″08 —		— 0,″09 +	
10	4, 85	3,″77	0, 01	0,″08
20	8, 48	3, 63	+ 0, 06 —	0, 07
♑ 1 0 7	11, 86	3, 38	0, 14	0, 08
10	14, 87	3, 01	0, 21	0, 07
20	17, 42	2, 55	0, 27	0, 06
♑ 2 0 8	19, 44	2, 02	0, 33	0, 06
10	20, 87	1, 43	0, 37	0, 04
20	21, 67	0, 80	0, 41	0, 04
♑ 3 0 9	21, 81	0, 14	0, 43	0, 02
10	21, 30	0, 51	0, 45	0, 02
20	20, 14	1, 16	0, 44	0, 01
♑ 4 0 10	18, 36	1, 78	0, 42	0, 02
10	16, 01	2, 35	0, 39	0, 03
20	13, 19	2, 82	0, 35	0, 04
♑ 5 0 11	9, 97	3, 22	0, 30	0, 05
10	6, 45	3, 52	0, 23	0, 07
20	2, 73	3, 72	0, 16	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	— 0,″24 +		+ 9,″52 —	
10	3, 61	3,″37	9, 31	0,″21
20	6, 87	3, 26	8, 82	0, 49
♑ 1 0 7	9, 93	3, 06	8, 06	0, 76
10	12, 69	2, 76	7, 06	1, 00
20	15, 06	2, 37	5, 84	1, 22
♑ 2 0 8	16, 98	1, 92	4, 44	1, 40
10	18, 38	1, 40	2, 90	1, 54
20	19, 22	0, 84	+ 1, 28 —	1, 62
♑ 3 0 9	19, 48	0, 26	— 0, 37 +	1, 65
10	19, 14	0, 34	2, 01	1, 64
20	18, 22	0, 92	3, 60	1, 59
♑ 4 0 10	16, 75	1, 47	5, 08	1, 48
10	14, 77	1, 98	6, 40	1, 32
20	12, 34	2, 43	7, 52	1, 12
♑ 5 0 11	9, 54	2, 80	8, 42	0, 90
10	6, 45	3, 09	9, 07	0, 65
20	3, 15	3, 30	9, 44	0, 37

a Sagittarii, nebulos. 6. 7

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	267° 38′ 43″	+ 55,″04	CAILLE 24° 16′ 13″	+ 0,″88
TOB. MAYER	267 39 1		T. MAY. 24 15 53	
DE ZACH	267 38 54		BARRY 24 15 54	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 0,″79 —		— 0,″25 +	
10	4, 61	3,″82	0, 18	0,″07
20	8, 26	3, 65	0, 11	0, 07
		3, 39		0, 07
1 0 7	11, 65		— 0, 04 —	
10	14, 69	3, 04	+ 0, 03 +	0, 07
20	17, 29	2, 60	0, 10	0, 07
		2, 08		0, 08
2 0 8	19, 37		0, 18	
10	20, 87	1, 50	0, 25	0, 07
20	21, 74	0, 87	0, 31	0, 06
		0, 19		0, 04
3 0 9	21, 93		0, 35	
10	21, 45	0, 48	0, 39	0, 04
20	20, 33	1, 12	0, 43	0, 04
		1, 74		0, 01
4 0 10	18, 59		0, 44	
10	16, 28	2, 31	0, 44	0, 00
20	13, 47	2, 81	0, 43	0, 01
		3, 22		0, 04
5 0 11	10, 25		0, 39	
10	6, 73	3, 52	0, 35	0, 04
20	3, 02	3, 71	0, 31	0, 04

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″18 +		+ 9,″53 —	
10	3, 57	3,″39	9, 31	0,″22
20	6, 86	3, 29	8, 86	0, 45
		3, 08		0, 77
1 0 7	9, 94		8, 09	
10	12, 71	2, 77	7, 10	0, 99
20	15, 09	2, 38	5, 90	1, 20
		1, 93		1, 38
2 0 8	17, 02		4, 52	
10	18, 43	1, 41	2, 99	1, 53
20	19, 28	0, 85	+ 1, 36 —	1, 63
		0, 27		1, 65
3 0 9	19, 55		— 0, 29 +	
10	19, 22	0, 33	1, 94	1, 65
20	18, 31	0, 91	3, 53	1, 59
		1, 47		1, 49
4 0 10	16, 84		5, 02	
10	14, 86	1, 98	6, 35	1, 33
20	12, 43	2, 43	7, 48	1, 13
		2, 81		0, 92
5 0 11	9, 62		8, 40	
10	6, 52	3, 10	9, 07	0, 67
20	3, 22	3, 30	9, 45	0, 38

γ Sagittarii, in cuſpide ſagittae. 3. 10

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	268° 14′ 31″	+ 57,″77	CAILLE 30°24′29″	0,″68
BRADLEY	268 14 31		BRADL. 30 24 28	
TOB. MAYER	268 14 30		T. MAY. 30 24 30	
DE LAMBRE	268 14 26		BARRY 30 24 33	
DE ZACH	268 14 24		L.LAND. 30 24 24	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	+ 0,″67 −		− 2,″40 +	
10	4, 68	4,″01	2, 32	0,″08
20	8, 56	3, 88	2, 15	0, 17
1 0 7	12, 18	3, 62	1, 92	0, 23
10	15, 42	3, 24	1, 64	0, 28
20	18, 19	2, 77	1, 30	0, 34
2 0 8	20, 40	2, 21	0, 92	0, 38
10	22, 00	1, 60	0, 52	0, 40
20	22, 94	0, 94	− 0, 10 +	0, 42
3 0 9	23, 18	0, 24	+ 0, 32 −	0, 42
10	22, 71	0,″47	0, 73	0, 41
20	21, 55	1, 16	1, 12	0, 39
4 0 10	19, 74	1, 81	1, 47	0, 35
10	17, 33	2, 41	1, 78	0, 31
20	14, 39	2, 94	2, 04	0, 26
5 0 11	11, 01	3, 38	2, 24	0, 20
10	7, 29	3, 72	2, 37	0, 13
20	3, 36	3, 93	2, 43	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	− 0,″18 +		+ 9,″52 −	
10	3, 74	3,″56	9, 33	0,″19
20	7, 18	3, 44	8, 87	0, 46
1 0 7	10, 40	3, 22	8, 14	0, 73
10	13, 31	2, 91	7, 16	0, 98
20	15, 82	2, 51	5, 95	1, 21
2 0 8	17, 85	2, 03	4, 56	1, 39
10	19, 34	1, 49	3, 04	1, 52
20	20, 23	0, 89	+ 1, 43 −	1, 61
3 0 9	20, 51	0, 28	− 0, 22 +	1, 65
10	20, 17	0, 34	1, 86	1, 64
20	19, 22	0, 95	3, 46	1, 60
4 0 10	17, 65	1, 53	4, 96	1, 50
10	15, 59	2, 06	6, 31	1, 35
20	13, 05	2, 54	7, 46	1, 15
5 0 11	10, 10	2, 95	8, 38	0, 92
10	6, 85	3, 25	9, 04	0, 66
20	3, 40	3, 45	9, 42	0, 38

1 ad μ Sagittarii, in ſummo arcu borealis. 4. 13

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	270° 27′ 6″		CAILLE 21° 5′ 53″	
BRADLEY	270 27 4		BRADL. 21 5 49	
TOB. MAYER	270 27 9		T. MAY. 21 5 43	
DE LAMBRE	270 27 0		BARRY 21 5 58	
DE ZACH	270 26 59	53,″76	L.LAND. 21 5 43	0,″09

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 0,″17 +		+ 0,″84 —	
10	+ 3, 56 —	3,″73	0, 83	0,″01
20	7, 18	3, 62	0, 78	0, 05
1 0 7	10, 58	3, 40	0, 70	0, 08
10	13, 66	3, 08	0, 61	0, 09
20	16, 31	2, 65	0, 51	0, 10
2 0 8	18, 46	2, 15	0, 39	0, 12
10	20, 06	1, 60	0, 25	0, 14
20	21, 06	1, 00	+ 0, 10 —	0, 15
3 0 9	21, 43	0, 37	— 0, 05 +	0, 15
10	21, 14	0, 29	0, 19	0, 14
20	20, 20	0, 94	0, 33	0, 14
4 0 10	18, 64	1, 56	0, 46	0, 13
10	16, 52	2, 12	0, 58	0, 12
20	13, 90	2, 62	0, 68	0, 10
5 0 11	10, 86	3, 04	0, 76	0, 08
10	7, 49	3, 37	0, 81	0, 05
20	3, 89	3, 60	0, 84	0, 03

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″03 —		+ 9,″54 —	
10	— 3, 28 +	3,″31	9, 41	0,″13
20	6, 50	3, 22	9, 00	0, 41
1 0 7	9, 52	3, 02	8, 31	0, 69
10	12, 25	2, 73	7, 36	0, 95
20	14, 61	2, 36	6, 18	1, 18
2 0 8	16, 52	1, 91	4, 82	1, 36
10	17, 93	1, 41	3, 33	1, 49
20	18, 79	0, 86	1, 73	1, 60
3 0 9	19, 09	0, 30	+ 0, 07 —	1, 66
10	18, 81	0, 28	— 1, 58 +	1, 65
20	17, 95	0, 86	3, 19	1, 61
4 0 10	16, 55	1, 40	4, 71	1, 52
10	14, 65	1, 90	6, 08	1, 37
20	12, 30	2, 35	7, 26	1, 18
5 0 11	9, 57	2, 73	8, 22	0, 96
10	6, 55	3, 02	8, 94	0, 72
20	3, 34	3, 21	9, 38	0, 44

2 ad μ Sagittarii. 6. 15

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	270° 49′ 22″	+ 53,″62	CAILLE 20° 46′ 18″	— 0,″23
BRADLEY	270 49 20		BRADL. 20 46 23	
TOB. MAYER	270 49 19		T. MAY. 20 46 18	
DE ZACH	270 49 10		BARRY 20 46 20	
			L.LAND. 20 46 9	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 0,″26 +		+ 0,″94 —	
10	+ 3, 44 —	3,″70	0, 92	0,″02
20	7, 05	3, 61	0, 85	0, 07
1 0 7	10, 45	3, 40	0, 76	0, 09
10	13, 53	3, 08	0, 65	0, 11
20	16, 20	2, 67	0, 53	0, 12
2 0 8	18, 38	2, 18	0, 39	0, 14
10	20, 00	1, 62	0, 23	0, 16
20	21, 02	1, 02	+ 0, 06 —	0, 17
3 0 9	21, 40	0, 38	— 0, 10 +	0, 16
10	21, 12	0, 28	0, 26	0, 16
20	20, 20	0, 92	0, 42	0, 16
4 0 10	18, 67	1, 53	0, 57	0, 15
10	16, 57	2, 10	0, 69	0, 12
20	13, 96	2, 61	0, 79	0, 10
5 0 11	10, 93	3, 03	0, 87	0, 08
10	7, 57	3, 36	0, 92	0, 05
20	3, 98	3, 59	0, 95	0, 03

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″05 —		+ 9,″54 —	
10	3, 26	3,″31	9, 41	0,″13
20	6, 47	3, 21	9, 00	0, 41
1 0 7	9, 48	3, 01	8, 32	0, 68
10	12, 21	2, 73	7, 38	0, 94
20	14, 57	2, 36	6, 21	1, 17
2 0 8	16, 47	1, 90	4, 86	1, 35
10	17, 88	1, 41	3, 37	1, 49
20	18, 74	0, 86	1, 77	1, 60
3 0 9	19, 04	0, 30	+ 0, 12 —	1, 65
10	18, 76	0, 28	— 1, 54 +	1, 66
20	17, 91	0, 85	3, 15	1, 61
4 0 10	16, 51	1, 40	4, 67	1, 52
10	14, 61	1, 90	6, 04	1, 37
20	12, 27	2, 34	7, 23	1, 19
5 0 11	9, 56	2, 71	8, 20	0, 97
10	6, 56	3, 00	8, 92	0, 72
20	3, 36	3, 20	9, 36	0, 44

♑ Sagittarii, in manubrio ſiniſtrae manus. 3. 19

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	272° 2′ 33″		CAILLE 29° 53′ 46″	
BRADLEY	272 2 49		BRADL. 29 53 49	
TOB. MAYER	272 2 43		T. MAY. 29 53 44	
DE LAMBRE	272 2 49	+	BARRY 29 53 49	—
DE ZACH	272 2 42	57,″54	L.LAND. 29 53 38	0,″66

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 0,″74 +		— 2,″23 +	
10	+ 3, 27 —	4,″01	2, 26	0,″03
20	7, 18	3, 91	2, 21	0, 05
1 0 7	10, 88	3, 70	2, 11	0, 10
10	14, 25	3, 37	1, 93	0, 18
20	17, 19	2, 94	1, 69	0, 24
2 0 8	19, 60	2, 41	1, 41	0, 28
10	21, 42	1, 82	1, 09	0, 32
20	22, 58	1, 16	0, 73	0, 36
3 0 9	23, 05	0, 47	— 0, 35 —	0, 38
10	22, 83	0, 22	+ 0, 04 +	0, 39
20	21, 91	0, 92	0, 43	0, 39
4 0 10	20, 33	1, 58	0, 80	0, 37
10	18, 13	2, 20	1, 15	0, 35
20	15, 38	2, 75	1, 47	0, 32
5 0 11	12, 17	3, 21	1, 75	0, 28
10	8, 58	3, 59	1, 98	0, 23
20	4, 73	3, 85	2, 14	0, 16

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″20 —		+ 9,″53 —	
10	— 3, 36 +	3,″56	9, 42	0,″11
20	6, 81	3, 45	9, 05	0, 37
1 0 7	10, 05	3, 24	8, 39	0, 66
10	12, 99	2, 94	7, 47	0, 92
20	15, 54	2, 55	6, 32	1, 15
2 0 8	17, 61	2, 07	4, 98	1, 34
10	19, 13	1, 52	3, 50	1, 48
20	20, 07	0, 94	1, 89	1, 61
3 0 9	20, 42	0, 35	+ 0, 24 —	1, 65
10	20, 15	0, 27	— 1, 40 +	1, 64
20	19, 26	0, 89	3, 02	1, 62
4 0 10	17, 79	1, 47	4, 55	1, 53
10	15, 77	2, 02	5, 93	1, 38
20	13, 28	2, 49	7, 13	1, 20
5 0 11	10, 39	2, 89	8, 12	0, 99
10	7, 18	3, 21	8, 87	0, 75
20	3, 75	3, 43	9, 35	0, 48

ε Sagittarii, in auſtrali parte arcus. 3. 20

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	272° 43′ 36″	+ 59,″76	CAILLE 34° 27′ 36″	— 0,″90
BRADLEY	272 43 34		BRADL. 34 27 39	
TOB. MAYER	272 43 28		T. MAY. 34 27 38	
DE ZACH	272 43 21		BARRY 34 27 50	
			L. LAND. 34 27 39	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 1,″03 +		— 3,″80 +	
10	+ 3, 17 —	4,″20	3, 82	0,″02
20	7, 29	4, 12	3, 74	0, 08
1 0 7	11, 20	3, 91	3, 55	0, 19
10	14, 77	3, 57	3, 25	0, 30
20	17, 89	3, 12	2, 85	0, 40
2 0 8	20, 46	2, 57	2, 36	0, 49
10	22, 40	1, 94	1, 80	0, 56
20	23, 66	1, 26	1, 17	0, 63
3 0 9	24, 21	0, 55	— 0, 52 +	0, 65
10	24, 03	0, 18	+ 0, 14 —	0, 66
20	23, 12	0, 91	0, 79	0, 65
4 0 10	21, 50	1, 62	1, 42	0, 63
10	19, 23	2, 27	2, 02	0, 60
20	16, 38	2, 85	2, 56	0, 54
5 0 11	13, 03	3, 35	3, 01	0, 45
10	9, 28	3, 75	3, 37	0, 36
20	5, 24	4, 04	3, 63	0, 26

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″31 —		+ 9,″52 —	
10	— 3, 37 +	3,″68	9, 44	0,″08
20	6, 97	3, 60	9, 08	0, 36
1 0 7	10, 36	3, 39	8, 44	0, 64
10	13, 42	3, 06	7, 54	0, 90
20	16, 06	2, 64	6, 41	1, 13
2 0 8	18, 21	2, 15	5, 08	1, 33
10	19, 82	1, 61	3, 59	1, 49
20	20, 84	1, 02	1, 99	1, 60
3 0 9	21, 22	0, 38	+ 0, 34 —	1, 65
10	20, 95	0, 27	— 1, 31 +	1, 65
20	20, 04	0, 91	2, 93	1, 62
4 0 10	18, 53	1, 51	4, 46	1, 53
10	16, 46	2, 07	5, 85	1, 39
20	13, 89	2, 57	7, 07	1, 22
5 0 11	10, 88	3, 01	8, 08	1, 01
10	7, 55	3, 33	8, 84	0, 76
20	3, 99	3, 56	9, 32	0, 48

21 Sagittarii. 6.

21

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	273° 21′ 41″	+ 53,″56	CAILLE 20° 38′ 16″	— 1,″12
TOB. MAYER	273 21 37		T. MAY. 20 37 56	
DE ZACH	273 21 30		BARRY 20 38 0	
			L.LAND. 20 37 49	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 1,″15 +		+ 1,″01 —	
10	+ 2, 57 —	3,″72	0, 92	0,″09
20	6, 21	3, 64	0, 81	0, 11
1 0 7	9, 66	3, 45	0, 68	0, 13
10	12, 82	3, 16	0, 52	0, 16
20	15, 60	2, 78	0, 34	0, 18
2 0 8	17, 90	2, 30	+ 0, 16 —	0, 18
10	19, 66	1, 76	— 0, 03 +	0, 19
20	20, 81	1, 15	0, 22	0, 19
3 0 9	21, 33	0, 52	0, 40	0, 18
10	21, 20	0, 13	0, 58	0, 18
20	20, 43	0, 77	0, 74	0, 16
4 0 10	19, 04	1, 39	0, 86	0, 12
10	17, 08	1, 96	0, 96	0, 10
20	14, 60	2, 48	1, 03	0, 07
5 0 11	11, 67	2, 93	1, 08	0, 05
10	8, 39	3, 28	1, 09	0, 01
20	4, 84	3, 55	1, 07	0, 02

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″21 —		+ 9,″51 —	
10	— 3, 08 +	3,″29	9, 45	0,″06
20	6, 29	3, 21	9, 09	0, 36
1 0 7	9, 32	3, 03	8, 45	0, 64
10	12, 06	2, 74	7, 56	0, 89
20	14, 43	2, 37	6, 44	1, 12
2 0 8	16, 36	1, 93	5, 12	1, 32
10	17, 80	1, 44	3, 64	1, 48
20	18, 69	0, 89	2, 05	1, 59
3 0 9	19, 02	0, 33	+ 0, 41 —	1, 64
10	18, 77	0, 25	— 1, 23 +	1, 64
20	17, 95	0, 82	2, 85	1, 62
4 0 10	16, 58	1, 37	4, 39	1, 54
10	14, 71	1, 87	5, 80	1, 41
20	12, 39	2, 32	7, 03	1, 23
5 0 11	9, 69	2, 70	8, 05	1, 02
10	6, 70	2, 99	8, 80	0, 75
20	3, 51	3, 19	9, 29	0, 49

λ Sagittarii, in boreali parte arcus auſtralis. 4. 22

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	273° 54′ 30″		CAILLE 25° 30′ 54″	
BRADLEY	273 54 35		BRADL. 25 30 51	
TOB. MAYER	273 54 24		T. MAY. 25 30 49	
DE LAMBRE	273 54 27	+	BARRY 25 30 56	—
DE ZACH	273 54 16	55,″57	L.LAND. 25 30 47	1,″32

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 1,″39 +		— 0,″68 +	
10	+ 2, 48 —	3,″87	0, 78	0,″10
20	6, 23	3, 75	0, 85	0, 07
1 0 7	9, 85	3, 62	0, 89	0, 04
10	13, 15	3, 30	0, 90	0, 01
20	16, 05	2, 90	0, 89	0, 01
2 0 8	18, 46	2, 41	0, 84	0, 05
10	20, 31	1, 85	0, 77	0, 07
20	21, 54	1, 23	0, 68	0, 09
3 0 9	22, 12	0, 58	0, 58	0, 10
10	22, 02	0, 10	0, 46	0, 12
20	21, 24	0, 78	0, 32	0, 14
4 0 10	19, 82	1, 42	0, 17	0, 15
10	17, 81	2, 01	— 0, 01 +	0, 16
20	15, 27	2, 54	+ 0, 14 —	0, 15
5 0 11	12, 27	3, 00	0, 29	0, 15
10	8, 88	3, 39	0, 43	0, 14
20	5, 21	3, 67	0, 56	0, 13

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″31 —		+ 9,″50 —	
10	— 3, 11 +	3,″42	9, 45	0,″05
20	6, 45	3, 34	9, 10	0, 35
1 0 7	9, 60	3, 15	8, 48	0, 62
10	12, 45	2, 85	7, 61	0, 87
20	14, 91	2, 46	6, 51	1, 10
2 0 8	16, 92	2, 01	5, 21	1, 30
10	18, 43	1, 51	3, 74	1, 47
20	19, 38	0, 95	2, 14	1, 60
3 0 9	19, 73	0, 35	+ 0, 50 —	1, 64
10	19, 48	0, 25	— 1, 16 +	1, 66
20	18, 64	0, 84	2, 78	1, 62
4 0 10	17, 24	1, 40	4, 32	1, 54
10	15, 31	1, 93	5, 73	1, 41
20	12, 92	2, 39	6, 97	1, 24
5 0 11	10, 14	2, 78	7, 99	1, 02
10	7, 05	3, 09	8, 76	0, 77
20	3, 73	3, 32	9, 27	0, 51

φ Sagittarii, ad marg. ſagittae praec. humer. ſiniſt. 5. 27

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	278° 17′ 24″		CAILLE 27° 10′ 53″	
BRADLEY	278 17 18		BRADL. 27 10 49	
TOB. MAYER	278 17 17		T. MAY. 27 10 50	
DE LAMBRE	278 17 18		BARRY 27 10 59	
DE ZACH	278 17 10	+ 56,″21	L.LAND. 27 10 43	2,″83

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 2,″98 +		— 1,″20 +	
10	+ 0, 92 —	3,″90	1, 41	0,″21
20	4, 84	3, 92	1, 58	0, 17
1 0 7	8, 55	3, 71	1, 69	0, 11
10	12, 01	3, 46	1, 75	0, 06
20	15, 12	3, 11	1, 77	0, 02
2 0 8	17, 78	2, 66	1, 73	0, 04
10	19, 90	2, 12	1, 64	0, 09
20	21, 40	1, 50	1, 50	0, 14
3 0 9	22, 25	0, 85	1, 31	0, 19
10	22, 42	0, 17	1, 08	0, 23
20	21, 91	0, 51	0, 81	0, 27
4 0 10	20, 74	1, 17	0, 54	0, 27
10	18, 95	1, 79	— 0, 25 +	0, 29
20	16, 58	2, 37	+ 0, 06 —	0, 31
5 0 11	13, 67	2, 89	0, 37	0, 31
10	10, 37	3, 30	0, 67	0, 30
20	6, 78	3, 59	0, 95	0, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″71 —		+ 9,″43 —	
10	— 2, 77 +	3,″48	9, 47	0,″04
20	6, 17	3, 40	9, 22	0, 25
1 0 7	9, 38	3, 21	8, 69	0, 53
10	12, 29	2, 91	7, 89	0, 80
20	14, 83	2, 54	6, 85	1, 04
2 0 8	16, 93	2, 10	5, 61	1, 24
10	18, 52	1, 59	4, 20	1, 41
20	19, 54	1, 02	2, 65	1, 55
3 0 9	19, 96	0, 42	+ 1, 02 —	1, 63
10	19, 78	0, 18	— 0, 63 +	1, 65
20	19, 00	0, 78	2, 25	1, 62
4 0 10	17, 64	1, 36	3, 82	1, 57
10	15, 74	1, 90	5, 28	1, 46
20	13, 36	2, 38	6, 58	1, 30
5 0 11	10, 58	2, 78	7, 67	1, 09
10	7, 48	3, 10	8, 52	0, 85
20	4, 16	3, 32	9, 11	0, 59

29 ad Sagittarii. 6. 29

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	279° 27′ 1″	+ 53,″43	CAILLE 20°32′13″	— 3,″24
TOB. MAYER	279 27 0		T. MAY. 20 32 13	
DE ZACH	279 26 51		BARRY 20 28 35	
			L.LAND. 20 32 3	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 3,″24 +		+ 1,″12 —	
10	+ 0, 48 —	3,″72	0, 91	0,″21
20	4, 17	3, 69	0, 68	0, 23
1 0 7	7, 73	3, 56	0, 43	0, 25
10	11, 06	3, 33	+ 0, 17 —	0, 26
20	14, 06	3, 00	— 0, 10 +	0, 27
2 0 8	16, 63	2, 57	0, 37	0, 27
10	18, 69	2, 06	0, 64	0, 27
20	20, 18	1, 49	0, 89	0, 25
3 0 9	21, 06	0, 88	1, 09	0, 20
10	21, 30	0, 24	1, 27	0, 18
20	20, 90	0, 40	1, 41	0, 14
4 0 10	19, 86	1, 04	1, 51	0, 10
10	18, 21	1, 65	1, 57	0, 06
20	16, 01	2, 20	1, 58	0, 01
5 0 11	13, 33	2, 68	1, 53	0, 05
10	10, 24	3, 09	1, 44	0, 09
20	6, 84	3, 40	1, 30	0, 14

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″60 —		+ 9,″41 —	
10	— 2, 71 +	3,″31	9, 47	0,″06
20	5, 93	3, 22	9, 24	0, 23
1 0 7	8, 97	3, 04	8, 73	0, 51
10	11, 74	2, 77	7, 95	0, 78
20	14, 15	2, 41	6, 93	1, 02
2 0 8	16, 13	1, 98	5, 71	1, 22
10	17, 63	1, 50	4, 32	1, 39
20	18, 58	0, 95	2, 79	1, 53
3 0 9	18, 97	0, 39	+ 1, 17 —	1, 62
10	18, 78	0, 19	— 0, 48 +	1, 65
20	18, 03	0, 75	2, 11	1, 63
4 0 10	16, 73	1, 30	3, 68	1, 57
10	14, 91	1, 82	5, 15	1, 47
20	12, 65	2, 26	6, 46	1, 31
5 0 11	10, 00	2, 65	7, 57	1, 11
10	7, 05	2, 95	8, 44	0, 87
20	3, 87	3, 18	9, 06	0, 62

Var. ann. Decl. med.	Differ.
—3,"67	
	0,"28
	0, 24
	0, 20
	0, 15
	0, 09
	0, 02
	0, 03
	0, 08
	0, 13
	0, 18
	0, 22
	0, 26
	0, 30
	0, 32
	0, 33
+	0, 33
—	0, 32

Decl.	Differ.
57 —	
46	0,"09
26	0, 20
	0, 48
78	
04	0, 74
05	0, 99
	1, 21
84	
46	1, 38
94	1, 52
	1, 61
33 —	
32 +	1, 65
96	1, 64
	1, 58
54	
01	1, 47
33	1, 32
	1, 13
46	
36	0, 90
00	0, 64

1 ad ν Sagittarii, in oculo nebulof. dup. praeced. 5. 32

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	280° 31′ 23″		CAILLE 22° 58′ 19″	
BRADLEY	280 31 25		BRADL. 22 58 34	
TOB. MAYER	280 31 24		T. MAY. 22 58 31	
DE ZACH	280 31 14	+ 54,″38	BARRY 22 58 33	— 3,″61

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 3,″64 +		+ 0,″31 —	
10	+ 0, 13 —	3,″77	0, 06	0,″25
20	3, 90	3, 77	— 0, 20 +	0, 26
1 0 7	7, 54	3, 64	0, 45	0, 25
10	10, 95	3, 41	0, 68	0, 23
20	14, 03	3, 08	0, 89	0, 21
2 0 8	16, 68	2, 65	1, 08	0, 19
10	18, 82	2, 14	1, 23	0, 15
20	20, 40	1, 58	1, 35	0, 12
3 0 9	21, 36	0, 96	1, 42	0, 07
10	21, 66	0, 30	1, 44	0, 02
20	21, 30	0, 36	1, 44	0, 00
4 0 10	20, 30	1, 00	1, 38	0, 06
10	18, 68	1, 62	1, 28	0, 10
20	16, 50	2, 18	1, 14	0, 14
5 0 11	13, 82	2, 68	0, 97	0, 17
10	10, 71	3, 11	0, 77	0, 20
20	7, 28	3, 43	0, 55	0, 22

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″73 —		+ 9,″38 —	
10	— 2, 63 +	3,″36	9, 47	0,″09
20	5, 91	3, 28	9, 27	0, 20
1 0 7	9, 01	3, 10	8, 78	0, 49
10	11, 83	2, 82	8, 02	0, 76
20	14, 30	2, 47	7, 02	1, 00
2 0 8	16, 35	2, 05	5, 81	1, 21
10	17, 90	1, 55	4, 43	1, 38
20	18, 89	0, 99	2, 91	1, 52
3 0 9	19, 31	0, 42	+ 1, 30 —	1, 61
10	19, 14	0, 17	— 0, 35 +	1, 65
20	18, 40	0, 74	1, 98	1, 63
4 0 10	17, 09	1, 31	3, 55	1, 57
10	15, 26	1, 83	5, 02	1, 47
20	12, 98	2, 28	6, 34	1, 32
5 0 11	10, 31	2, 67	7, 47	1, 13
10	7, 31	3, 00	8, 37	0, 90
20	4, 08	3, 23	9, 01	0, 64

σ Sagittarii, in ſiniſtro humero clara. 3. 34

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	280° 42′ 53″		CAILLE 26°31′49″	
BRADLEY	280 42 55		BRADL. 26 31 43	
TOB. MAYER	280 42 17		T. MAY. 26 31 41	
DE LAMBRE	280 42 53		BARRY 26 31 50	
DE ZACH	280 42 44	+ 55,″86	L.LAND. 26 31 36	— 3,″67

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 3,″81 +		— 0,″91 +	
10	+ 0, 07 —	3,″88	1, 19	0,″28
20	3, 95	3, 88	1, 43	0, 24
1 0 7	7, 70	3, 75	1, 63	0, 20
10	11, 21	3, 51	1, 78	0, 15
20	14, 38	3, 17	1, 87	0, 09
2 0 8	17, 11	2, 73	1, 89	0, 02
10	19, 33	2, 22	1, 86	0, 03
20	20, 97	1, 64	1, 78	0, 08
3 0 9	21, 97	1, 00	1, 65	0, 13
10	22, 29	0, 32	1, 47	0, 18
20	21, 93	0, 36	1, 25	0, 22
4 0 10	20, 91	1, 02	0, 99	0, 26
10	19, 26	1, 65	0, 69	0, 30
20	17, 03	2, 23	0, 37	0, 32
5 0 11	14, 28	2, 75	— 0, 04 +	0, 33
10	11, 08	3, 20	+ 0, 29 —	0, 33
20	7, 51	3, 53	0, 61	0, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″88 —		+ 9,″37 —	
10	— 2, 57 +	3,″45	9, 46	0,″09
20	5, 96	3, 39	9, 26	0, 20
1 0 7	9, 17	3, 21	8, 78	0, 48
10	12, 09	2, 92	8, 04	0, 74
20	14, 63	2, 54	7, 05	0, 99
2 0 8	16, 73	2, 10	5, 84	1, 21
10	18, 34	1, 61	4, 46	1, 38
20	19, 38	1, 44	2, 94	1, 52
3 0 9	19, 83	0, 45	+ 1, 33 —	1, 61
10	19, 68	0, 15	— 0, 32 +	1, 65
20	18, 94	0, 74	1, 96	1, 64
4 0 10	17, 62	1, 32	3, 54	1, 58
10	15, 76	1, 86	5, 01	1, 47
20	13, 43	2, 33	6, 33	1, 32
5 0 11	10, 69	2, 74	7, 46	1, 13
10	7, 62	3, 07	8, 36	0, 90
20	4, 31	3, 31	9, 00	0, 64

2 ad ν Sagittarii, in oculo nebulos. duplicis seq. 5. 35

	Ascens. réct. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	280° 45′ 17″	+ 54,″35	CAILLE 22° 54′ 12″	— 3,″69
BRADLEY	280 45 14		BRADL. 22 54 22	
TOB. MAYER	280 45 19		T. MAY. 22 54 18	
DE ZACH	280 45 13		BARRY 22 54 46	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 3,″72 +		+ 0,″33 —	
10	+ 0, 03 —	3,″75	0, 07	0,″26
20	3, 80	3, 77	— 0, 19 +	0, 26
		3, 65		0, 25
1 0 7	7, 45		0, 44	
10	10, 86	3, 41	0, 68	0, 24
20	13, 94	3, 08	0, 89	0, 21
		2, 66		0, 20
2 0 8	16, 60		1, 09	
10	18, 76	2, 16	1, 26	0, 17
20	20, 36	1, 60	1, 38	0, 12
		0, 98		0, 08
3 0 9	21, 34		1, 46	
10	21, 66	0, 32	1, 48	0, 02
20	21, 32	0, 34	1, 48	0, 00
		0, 99		0, 04
4 0 10	20, 33		1, 44	
10	18, 73	1, 60	1, 34	0, 10
20	16, 57	2, 16	1, 20	0, 14
		2, 67		0, 18
5 0 11	13, 90		1, 02	
10	10, 80	3, 10	0, 81	0, 21
20	7, 37	3, 43	0, 58	0, 23

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″75 —		+ 9,″36 —	
10	— 2, 60 +	3,″35	9, 46	0,″10
20	5, 89	3, 29	9, 27	0, 19
		3, 11		0, 48
1 0 7	9, 00		8, 79	
10	11, 83	2, 83	8, 05	0, 74
20	14, 30	2, 47	7, 06	0, 99
		2, 04		1, 21
2 0 8	16, 34		5, 85	
10	17, 88	1, 54	4, 46	1, 39
20	18, 87	0, 99	2, 95	1, 51
		0, 42		1, 60
3 0 9	19, 29		+ 1, 35 —	
10	19, 13	0, 16	— 0, 30 +	1, 65
20	18, 39	0, 74	1, 94	1, 64
		1, 30		1, 58
4 0 10	17, 09		3, 52	
10	15, 26	1, 83	4, 99	1, 47
20	12, 99	2, 27	6, 31	1, 32
		2, 69		1, 13
5 0 11	10, 30		7, 44	
10	7, 31	2, 99	8, 33	0, 89
20	4, 09	3, 22	8, 98	0, 65

2 ad ξ Sagittarii. 6. 37

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	281° 26′ 57″	+ 53,″71	CAILLE 21°21′13″	— 3,″93
BRADLEY	281 26 54		BRADL. 21 21 17	
TOB. MAYER	281 26 55		T. MAY. 21 21 11	
DE ZACH	281 26 47		BARRY 21 20 37	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	— 3,″92 +		+ 0,″88 —	
10	0, 21	3,″71	0, 62	0,″26
20	+ 3, 51 —	3, 72	0, 34	0, 28
♑ 1 0 7	7, 12	3, 61	+ 0, 05 —	0, 29
10	10, 51	3, 39	— 0, 24 +	0, 29
20	13, 59	3, 08	0, 52	0, 28
♑ 2 0 8	16, 27	2, 68	0, 79	0, 27
10	18, 45	2, 18	1, 04	0, 25
20	20, 06	1, 61	1, 26	0, 22
♑ 3 0 9	21, 05	0, 99	1, 43	0, 17
10	21, 40	0, 35	1, 56	0, 13
20	21, 11	0, 29	1, 65	0, 09
♑ 4 0 10	20, 18	0, 93	1, 70	0, 05
10	18, 64	1, 54	1, 68	0, 02
20	16, 53	2, 11	1, 60	0, 08
♑ 5 0 11	13, 91	2, 62	1, 48	0, 12
10	10, 87	3, 04	1, 32	0, 16
20	7, 51	3, 36	1, 12	0, 20

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	+ 0,″74 —		+ 9,″33 —	
10	— 2, 58 +	3,″32	9, 45	0,″12
20	5, 82	3, 24	9, 27	0, 18
♑ 1 0 7	8, 89	3, 07	8, 81	0, 46
10	11, 69	2, 80	8, 08	0, 73
20	14, 13	2, 44	7, 10	0, 98
♑ 2 0 8	16, 14	2, 01	5, 91	1, 19
10	17, 66	1, 52	4, 54	1, 37
20	18, 64	0, 98	3, 03	1, 51
♑ 3 0 9	19, 06	0, 42	+ 1, 42 —	1, 61
10	18, 91	0, 15	— 0, 22 +	1, 64
20	18, 18	0, 73	1, 85	1, 63
♑ 4 0 10	16, 89	1, 29	3, 43	1, 58
10	15, 08	1, 81	4, 92	1, 49
20	12, 81	2, 27	6, 25	1, 33
♑ 5 0 11	10, 17	2, 64	7, 38	1, 13
10	7, 23	2, 94	8, 29	0, 91
20	4, 05	3, 18	8, 95	0, 66

♐ Sagittarii, trium ſuper coſtis ſub axilla. 3. 38

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	282° 28′ 6″		CAILLE 30° 9′ 3″	
BRADLEY	282 28 16		BRADL. 30 9 1	
TOB. MAYER	282 23 10		T. MAY. 30 8 59	
DE LAMBRE	282 28 8	+	BARRY 30 9 2	—
DE ZACH	282 28 13	57,″40	L.LAND. 30 8 46	4,″27

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 4,″58 +		— 2,″09 +	
10	0, 59	3,″99	2, 44	0,″35
20	+ 3, 42 —	4, 01	2, 71	0, 27
		3, 90		0, 20
1 0 7	7, 32		2, 91	
10	11, 00	3, 68	3, 02	0, 11
20	14, 35	3, 35	3, 02	0, 00
		2, 91		0, 09
2 0 8	17, 26		2, 93	
10	19, 64	2, 38	2, 76	0, 17
20	21, 43	1, 79	2, 50	0, 26
		1, 14		0, 33
3 0 9	22, 57		2, 17	
10	23, 03	0, 46	1, 77	0, 40
20	22, 78	0, 25	1, 31	0, 46
		0, 94		0, 49
4 0 10	21, 84		0, 82	
10	20, 24	1, 60	— 0, 31 +	0, 51
20	18, 03	2, 21	+ 0, 22 —	0, 53
		2, 77		0, 52
5 0 11	15, 26		0, 74	
10	12, 03	3, 23	1, 23	0, 49
20	8, 44	3, 59	1, 68	0, 45

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″20 —		+ 9,″31 —	
10	— 2, 36 +	3,″56	9, 45	0,″14
20	5, 84	3, 48	9, 29	0, 16
		3, 31		0, 45
1 0 7	9, 15		8, 84	
10	12, 18	3, 03	8, 13	0, 71
20	14, 83	2, 65	7, 17	0, 96
		2, 20		1, 17
2 0 8	17, 03		6, 00	
10	18, 73	1, 70	4, 64	1, 36
20	19, 86	1, 13	3, 13	1, 51
		0, 52		1, 60
3 0 9	20, 38		+ 1, 53 —	
10	20, 27	0, 11	— 0, 10 +	1, 63
20	19, 55	0, 72	1, 73	1, 63
		1, 31		1, 59
4 0 10	18, 24		3, 32	
10	16, 38	1, 86	4, 81	1, 49
20	14, 02	2, 36	6, 14	1, 33
		2, 80		1, 15
5 0 11	11, 22		7, 29	
10	8, 09	3, 13	8, 22	0, 93
20	4, 72	3, 37	8, 90	0, 68

o Sagittarii, trium in capite media. 4. 39

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	283° 10′ 18″		CAILLE 22° 1′ 16″	
BRADLEY	283 10 23		BRADL. 22 1 11	
TOB. MAYER	283 10 22		T. MAY. 22 1 7	
DE LAMBRE	283 10 19	+	BARRY 22 1 22	—
DE ZACH	283 10 17	53,″92	L.LAND. 22 1 0	4,″52

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 4,″51 +		+ 0,″71 —	
10	0, 80	3,″71	0, 40	0,″31
20	+ 2, 95 —	3, 75	+ 0, 08 —	0, 32
1 0 7	6, 61	3, 66	— 0, 25 +	0, 33
10	10, 05	3, 46	0, 56	0, 31
20	13, 20	3, 15	0, 85	0, 29
2 0 8	15, 94	2, 74	1, 12	0, 27
10	18, 19	2, 25	1, 36	0, 24
20	19, 89	1, 70	1, 56	0, 20
3 0 9	21, 00	1, 11	1, 71	0, 15
10	21, 47	0, 47	1, 80	0, 09
20	21, 28	0, 19	1, 85	0, 05
4 0 10	20, 44	0, 84	1, 84	0, 01
10	18, 98	1, 46	1, 76	0, 08
20	16, 96	2, 03	1, 63	0, 13
5 0 11	14, 41	2, 54	1, 46	0, 17
10	11, 42	2, 99	1, 25	0, 21
20	8, 08	3, 34	0, 99	0, 26

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″87 —		+ 9,″28 —	
10	— 2, 46 +	3,″33	9, 43	0,″15
20	5, 72	3, 26	9, 28	0, 15
1 0 7	8, 81	3, 09	8, 85	0, 43
10	11, 63	2, 82	8, 16	0, 69
20	14, 10	2, 47	7, 22	0, 94
2 0 8	16, 14	2, 04	6, 06	1, 16
10	17, 69	1, 55	4, 71	1, 35
20	18, 70	1, 01	3, 20	1, 51
3 0 9	19, 15	0, 45	+ 1, 61 —	1, 59
10	19, 02	0, 13	— 0, 02 +	1, 63
20	18, 29	0, 73	1, 65	1, 63
4 0 10	16, 98	1, 31	3, 23	1, 58
10	15, 23	1, 75	4, 72	1, 49
20	12, 99	2, 24	6, 07	1, 35
5 0 11	10, 33	2, 66	7, 23	1, 16
10	7, 37	2, 96	8, 15	0, 94
20	4, 21	3, 16	8, 86	0, 69

τ Sagittarii, trium ſuper coſtis media ad ſcapulam. 4. 40

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	283° 36′ 38″		CAILLE 27° 56′ 42″	
BRADLEY	283 36 43		BRADL. 27 56 39	
TOB. MAYER	283 36 43		T. MAY. 27 56 37	
DE LAMBRE	283 36 41		BARRY 27 56 47	
DE ZACH	283 36 34	+ 56,″37	L.LAND. 27 56 33	— 4,″66

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0	0	6	— 4,″88 +		— 1,″31 +	
	10		0, 98	3,″90	1, 68	0,″37
	20		+ 2, 94 —	3, 92	1, 98	0, 30
1	0	7	6, 76	3, 82	2, 23	0, 25
	10		10, 38	3, 62	2, 41	0, 18
	20		13, 70	3, 32	2, 52	0, 11
2	0	8	16, 62	2, 92	2, 55	0, 03
	10		19, 01	2, 39	2, 52	0, 03
	20		20, 83	1, 82	2, 40	0, 12
3	0	9	22, 01	1, 18	2, 20	0, 20
	10		22, 52	0, 51	1, 94	0, 26
	20		22, 35	0, 17	1, 64	0, 30
4	0	10	21, 50	0, 85	1, 28	0, 36
	10		20, 00	1, 50	0, 87	0, 41
	20		17, 89	2, 11	— 0, 42 +	0, 45
5	0	11	15, 23	2, 66	+ 0, 03 —	0, 45
	10		12, 11	3, 12	0, 48	0, 45
	20		8, 63	3, 48	0, 91	0, 43

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0	0	6	+ 1,″20 —		+ 9,″26 —	
	10		— 2, 30 +	3,″50	9, 42	0,″16
	20		5, 73	3, 43	9, 28	0, 14
1	0	7	8, 97	3, 24	8, 86	0, 42
	10		11, 93	2, 96	8, 18	0, 68
	20		14, 54	2, 61	7, 25	0, 93
2	0	8	16, 73	2, 19	6, 09	1, 16
	10		18, 41	1, 68	4, 75	1, 34
	20		19, 51	1, 10	3, 26	1, 49
3	0	9	20, 01	0, 50	1, 67	1, 59
	10		19, 91	0, 10	+ 0, 04 —	1, 63
	20		19, 21	0, 70	— 1, 58 +	1, 62
4	0	10	17, 92	1, 29	3, 17	1, 59
	10		16, 09	1, 83	4, 67	1, 50
	20		13, 77	2, 32	6, 03	1, 36
5	0	11	11, 03	2, 74	7, 19	1, 16
	10		7, 95	3, 08	8, 12	0, 93
	20		4, 64	3, 31	8, 82	0, 70

♐ Sagittarii, trium in capite ſequens. 4. 41

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	284° 28′ 6″		CAILLE 21° 19′ 42″	
BRADLEY	284 27 59		BRADL. 21 19 37	
TOB. MAYER	284 28 0		T. MAY. 21 19 33	
DE LAMBRE	284 27 56		BARRY 21 19 39	
DE ZACH	284 27 49	+ 53″,61	L.LAND. 21 19 28	4″,95

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 4″,92 +		+ 0″,97 —	
10	1, 23	3″,69	0, 64	0″,33
20	+ 2, 48 —	3, 71	+ 0, 29 —	0, 35
		3, 64		0, 36
1 0 7	6, 12		— 0, 07 +	
10	9, 58	3, 46	0, 42	0, 35
20	12, 75	3, 17	0, 76	0, 34
		3, 79		0, 32
2 0 8	15, 54		1, 08	
10	17, 86	2, 32	1, 37	0, 29
20	19, 63	1, 77	1, 62	0, 25
		1, 15		0, 20
3 0 9	20, 78		1, 82	
10	21, 32	0, 54	1, 96	0, 14
20	21, 21	0, 11	2, 05	0, 09
		0, 75		0, 02
4 0 10	20, 46		2, 07	
10	19, 09	1, 37	2, 03	0, 04
20	17, 14	1, 95	1, 92	0, 11
		2, 48		0, 17
5 0 11	14, 66		1, 75	
10	11, 73	2, 93	1, 54	0, 21
20	8, 45	3, 28	1, 28	0, 26

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0″,93 —		+ 9″,24 —	
10	— 2, 40 +	3″,33	9, 41	0″,17
20	5, 64	3, 24	9, 29	0, 12
		3, 06		0, 40
1 0 7	8, 70		8, 89	
10	11, 51	2, 81	8, 22	0, 67
20	13, 98	2, 47	7, 30	0, 92
		2, 04		1, 14
2 0 8	16, 02		6, 16	
10	17, 57	1, 55	4, 84	1, 32
20	18, 58	1, 01	3, 36	1, 48
		0, 45		1, 59
3 0 9	19, 03		1, 77	
10	18, 90	0, 13	+ 0, 15 —	1, 62
20	18, 20	0, 70	— 1, 47 +	1, 62
		1, 25		1, 59
4 0 10	16, 95		3, 06	
10	15, 18	1, 77	4, 57	1, 51
20	12, 95	2, 23	5, 94	1, 37
		2, 62		1, 18
5 0 11	10, 33		7, 12	
10	7, 39	2, 94	8, 06	0, 94
20	4, 23	3, 16	8, 76	0, 70

ψ Sagittarii, trium ſuper coſtis, ad inter ſcapilium. 5. 42

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	285° 48′ 37″		CAILLE 25° 35′ 10″	
BRADLEY	285 49 3		BRADL. 25 35 9	
TOB. MAYER	285 49 2		T. MAY. 25 35 7	
DE ZACH	285 48 54	+ 55,″27	BARRY 25 35 13	— 5,″41
			L.LAND. 25 34 57	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 5,″53 +		— 0,″44 +	
10	1, 73	3,″80	0, 83	0,″39
20	+ 2, 11 —	3, 84	1, 20	0, 37
1 0 7	5, 88	3, 77	1, 54	0, 34
10	9, 47	3, 59	1, 84	0, 30
20	12, 78	3, 31	2, 08	0, 24
2 0 8	15, 71	2, 93	2, 25	0, 17
10	18, 15	2, 44	2, 36	0, 11
20	20, 05	1, 90	2, 38	0, 02
3 0 9	21, 35	1, 30	2, 35	0, 03
10	22, 00	0, 65	2, 24	0, 11
20	21, 96	0, 04	2, 07	0, 17
4 0 10	21, 24	0, 72	1, 82	0, 25
10	19, 89	1, 35	1, 52	0, 30
20	17, 95	1, 94	1, 17	0, 35
5 0 11	15, 47	2, 48	0, 79	0, 38
10	12, 51	2, 96	— 0, 39 +	0, 40
20	9, 16	3, 35	+ 0, 02 —	0, 41

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″24 —		+ 9,″18 —	
10	— 2, 19 +	3,″43	9, 39	0,″21
20	5, 55	3, 36	9, 30	0, 09
1 0 7	8, 74	3, 19	8, 92	0, 38
10	11, 67	2, 93	8, 28	0, 64
20	14, 24	2, 57	7, 39	0, 89
2 0 8	16, 38	2, 14	6, 28	1, 11
10	18, 02	1, 64	4, 97	1, 31
20	19, 11	1, 09	3, 50	1, 47
3 0 9	19, 62	0, 51	1, 93	1, 57
10	19, 53	0, 09	+ 0, 32 —	1, 61
20	18, 85	0, 68	— 1, 30 +	1, 62
4 0 10	17, 60	1, 25	2, 89	1, 59
10	15, 82	1, 78	4, 40	1, 51
20	13, 56	2, 26	5, 78	1, 38
5 0 11	10, 89	2, 67	6, 98	1, 20
10	7, 89	3, 00	7, 96	0, 98
20	4, 64	3, 25	8, 70	0, 74

d Sagittarii, trium in borea parte paludamenti auſtrina. 6. 43

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	286° 29′ 2″	+ 52,″76	CAILLE 19° 17′ 38″	— 5.″64
BRADLEY	286 28 54		BRADL. 19 17 43	
TOB. MAYER	286 28 59		T. MAY. 19 17 38	
DE ZACH	286 28 46		BARRY 19 17 42	
			L.LAND. 19 17 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 5,″51 +		+ 1,″71 —	
10	1, 90	3,″61	1, 37	0,″34
20	+ 1, 77 —	3, 67	0, 97	0, 40
1 0 7	5, 38	3, 61	0, 54	0, 43
10	8, 38	3, 45	+ 0, 11 —	0, 44
20	12, 01	3, 18	— 0, 33 +	0, 44
2 0 8	14, 82	2, 81	0, 76	0, 43
10	17, 19	2, 37	1, 17	0, 41
20	19, 04	1, 85	1, 55	0, 38
3 0 9	20, 32	1, 28	1, 88	0, 33
10	20, 97	0, 65	2, 14	0, 26
20	20, 98	0, 01	2, 34	0, 20
4 0 10	20, 34	0, 64	2, 48	0, 14
10	19, 09	1, 25	2, 54	0, 06
20	17, 27	1, 82	2, 52	0, 02
5 0 11	14, 93	2, 34	2, 42	0, 10
10	12, 14	2, 79	2, 24	0, 18
20	8, 96	3, 18	2, 00	0, 24

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″92 —		+ 9,″14 —	
10	— 2, 33 +	3,″25	9, 36	0,″22
20	5, 52	3, 19	9, 29	0, 07
1 0 7	8, 54	3, 02	8, 92	0, 37
10	11, 30	2, 76	8, 31	0, 61
20	13, 72	2, 42	7, 43	0, 88
2 0 8	15, 75	2, 03	6, 33	1, 10
10	17, 30	1, 55	5, 04	1, 29
20	18, 30	1, 00	3, 58	1, 46
3 0 9	18, 73	0, 43	2, 02	1, 56
10	18, 59	0, 14	+ 0, 40 —	1, 62
20	17, 89	0, 70	— 1, 22 +	1, 62
4 0 10	16, 67	1, 22	2, 81	1, 59
10	14, 95	1, 72	4, 33	1, 52
20	12, 76	2, 19	5, 71	1, 38
5 0 11	10, 18	2, 58	6, 91	1, 20
10	7, 30	2, 88	7, 90	0, 99
20	4, 19	3, 11	8, 65	0, 75

1 ad ϱ Sagittarii, media trium in borea parte paludamenti auſtralis. 6. 44

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	287° 31′ 4″	+ 52,″32	CAILLE 18° 12′ 35″	— 5,″98
TOB. MAYER	287 31 3		T. MAY. 18 12 32	
DE ZACH	287 30 53		BARRY 18 12 34	
			L.LAND. 18 12 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 5,″81 +		+ 2,″11 —	
10	2, 23	3,″58	1, 75	0,″36
20	+ 1, 41 —	3, 65	1, 34	0, 41
1 0 7	5, 01	3, 60	0, 89	0, 45
10	8, 46	3, 45	+ 0, 41 +	0, 48
20	11, 66	3, 20	— 0, 08 —	0, 49
2 0 8	14, 49	2, 83	0, 56	0, 48
10	16, 88	2, 39	1, 03	0, 47
20	18, 76	1, 88	1, 47	0, 44
3 0 9	20, 08	1, 32	1, 87	0, 40
10	20, 78	0, 70	2, 22	0, 35
20	20, 84	0, 06	2, 50	0, 28
4 0 10	20, 28	0, 56	2, 70	0, 20
10	19, 10	1, 18	2, 80	0, 10
20	17, 34	1, 76	2, 82	0, 02
5 0 11	15, 06	2, 28	2, 76	0, 06
10	12, 32	2, 74	2, 62	0, 14
20	9, 21	3, 11	2, 40	0, 22

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″94 —		+ 9,″10 —	
10	— 2, 30 +	3,″24	9, 34	0,″24
20	5, 47	3, 17	9, 29	0, 05
1 0 7	8, 47	3, 00	8, 95	0, 34
10	11, 21	2, 74	8, 34	0, 61
20	13, 62	2, 41	7, 49	0, 85
2 0 8	15, 62	2, 00	6, 41	1, 08
10	17, 14	1, 52	5, 13	1, 28
20	18, 13	0, 99	3, 69	1, 44
3 0 9	18, 57	0, 44	2, 13	1, 56
10	18, 45	0, 12	+ 0, 51 —	1, 62
20	17, 78	0, 67	— 1, 10 +	1, 61
4 0 10	16, 56	1, 22	2, 68	1, 58
10	14, 84	1, 72	4, 19	1, 51
20	12, 66	2, 18	5, 58	1, 39
5 0 11	10, 11	2, 55	6, 80	1, 22
10	7, 25	2, 86	7, 81	1, 01
20	4, 16	3, 09	8, 58	0, 77

υ Sagittarii, trium dictarum borea. 6. 46

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
TOB. MAYER	287° 34′ 3″	+ 51,″63	T. MAY. 16° 18′ 56″	— 6,″00
DE ZACH	287 33 53		BARRY 16 19 3	
			L.LAND. 16 18 51	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 5,″78 +		+ 2,″73 —	
10	2, 24	3,″54	2, 40	0,″33
20	+ 1, 36 —	3, 60	2, 00	0, 40
1 0 7	4, 93	3, 57	1, 54	0, 46
10	8, 35	3, 42	1, 01	0, 53
20	11, 51	3, 16	+ 0, 46 —	0, 55
2 0 8	14, 31	2, 80	— 0, 10 +	0, 56
10	16, 68	2, 37	0, 65	0, 55
20	18, 55	1, 87	1, 19	0, 54
3 0 9	19, 86	1, 31	1, 70	0, 51
10	20, 57	0, 71	2, 15	0, 45
20	20, 64	0, 07	2, 54	0, 39
4 0 10	20, 08	0, 56	2, 85	0, 31
10	18, 92	1, 16	3, 07	0, 22
20	17, 19	1, 73	3, 20	0, 13
5 0 11	14, 93	2, 26	3, 23	0, 03
10	12, 23	2, 70	3, 15	0, 08
20	9, 15	3, 08	2, 98	0, 17

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″80 —		+ 9,″10 —	
10	— 2, 37 +	3,″17	9, 34	0,″24
20	5, 48	3, 11	9, 29	0, 05
1 0 7	8, 43	2, 95	8, 95	0, 34
10	11, 13	2, 70	8, 35	0, 60
20	13, 50	2, 37	7, 50	0, 85
2 0 8	15, 46	1, 96	6, 42	1, 08
10	16, 94	1, 48	5, 14	1, 28
20	17, 91	0, 97	3, 70	1, 44
3 0 9	18, 33	0, 42	2, 15	1, 55
10	18, 19	0, 14	+ 0, 54 —	1, 61
20	17, 50	0, 69	— 1, 08 +	1, 62
4 0 10	16, 29	1, 21	2, 68	1, 60
10	14, 59	1, 70	4, 19	1, 52
20	12, 44	2, 15	5, 58	1, 39
5 0 11	9, 90	2, 54	6, 79	1, 21
10	7, 07	2, 83	7, 81	1, 02
20	4, 03	3, 04	8, 59	0, 78

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	288° 16′ 22″		CAILLE 24° 52′ 57″	
BRADLEY	288 16 23		BRADL. 24 53 0	
TOB. MAYER	288 16 25		T. MAY. 24 52 52	
DE ZACH	288 16 15	+ 54,″87	BARRY 24 52 52	
			L.LAND. 24 52 40	— 6,″24

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 6,″36 +		— 0,″10 +	
10	2, 61	3,″75	0, 56	0,″46
20	+ 1, 20 —	3, 81	0, 99	0, 43
		3, 77		0, 41
1 0 7	4, 97		1, 40	
10	8, 58	3, 61	1, 77	0, 37
20	11, 94	3, 36	2, 08	0, 31
		3, 01		0, 25
2 0 8	14, 95		2, 33	
10	17, 50	2, 55	2, 51	0, 18
20	19, 51	2, 01	2, 62	0, 11
		1, 41		0, 02
3 0 9	20, 92		2, 64	
10	21, 70	0, 68	2, 58	0, 06
20	21, 83	0, 13	2, 45	0, 13
		0, 54		0, 21
4 0 10	21, 29		2, 24	
10	20, 11	1, 18	1, 97	0, 27
20	18, 31	1, 80	1, 63	0, 34
		2, 36		0, 39
5 0 11	15, 95		1, 24	
10	13, 12	2, 83	0, 81	0, 43
20	9, 90	3, 22	0, 36	0, 45

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″39 —		+ 9,″06 —	
10	— 2, 02 +	3,″41	9, 31	0,″25
20	5, 35	3, 33	9, 28	0, 03
		3, 17		0, 32
1 0 7	8, 52		8, 96	
10	11, 44	2, 92	8, 37	0, 59
20	14, 02	2, 58	7, 53	0, 84
		2, 16		1, 07
2 0 8	16, 18		6, 46	
10	17, 84	1, 66	5, 19	1, 27
20	18, 94	1, 10	3, 77	1, 42
		0, 53		1, 54
3 0 9	19, 47		2, 33	
10	19, 41	0, 06	+ 0, 62 —	1, 61
20	18, 77	0, 64	— 1, 00 +	1, 62
		1, 21		1, 59
4 0 10	17, 56		2, 59	
10	15, 81	1, 75	4, 11	1, 52
20	13, 58	2, 23	5, 52	1, 41
		2, 65		1, 22
5 0 11	10, 93		6, 74	
10	7, 96	2, 97	7, 75	1, 01
20	4, 75	3, 21	8, 53	0, 78

1 ad *h* Sagittarii, in ancone dextri brachii. 6. 52

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	290° 57′ 51″	+ 54,″82	CAILLE 25° 8′50″	— 7,″12
TOB. MAYER	290 58 7		T. MAY. 25 8 30	
DE ZACH	290 57 56		BARRY 25 8 34	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 7,″24 +		— 0,″05 +	
10	3, 54	3,″70	0, 58	0,″53
20	+ 0, 26 —	3, 80	1, 09	0, 51
1 0 7	4, 05	3, 79	1, 57	0, 48
10	7, 72	3, 67	2, 01	0, 44
20	11, 16	3, 44	2, 38	0, 37
2 0 8	14, 26	3, 10	2, 68	0, 30
10	16, 92	2, 66	2, 89	0, 21
20	19, 09	2, 17	3, 00	0, 11
3 0 9	20, 64	1, 55	3, 03	0, 03
10	21, 58	0, 94	2, 97	0, 06
20	21, 87	0, 29	2, 83	0, 14
4 0 10	21, 50	0, 37	2, 60	0, 23
10	20, 47	1, 03	2, 29	0, 31
20	18, 81	1, 66	1, 90	0, 39
5 0 11	16, 57	2, 24	1, 47	0, 43
10	13, 84	2, 73	0, 99	0, 48
20	10, 71	3, 13	0, 48	0, 51

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″60 —		+ 8,″92 —	
10	— 1, 82 +	3,″42	9, 22	0,″30
20	5, 17	3, 35	9, 25	0, 03
1 0 7	8, 35	3, 18	9, 00	0, 25
10	11, 28	2, 93	8, 48	0, 52
20	13, 88	2, 60	7, 70	0, 78
2 0 8	16, 06	2, 18	6, 68	1, 02
10	17, 74	1, 68	5, 45	1, 23
20	18, 89	1, 15	4, 06	1, 39
3 0 9	19, 46	0, 57	2, 55	1, 51
10	19, 44	0, 02	+ 0, 96 —	1, 59
20	18, 84	0, 60	— 0, 65 +	1, 61
4 0 10	17, 65	1, 19	2, 25	1, 60
10	15, 93	1, 72	3, 78	1, 53
20	13, 73	2, 20	5, 19	1, 41
5 0 11	11, 12	2, 61	6, 44	1, 25
10	8, 17	2, 95	7, 50	1, 06
20	4, 96	3, 21	8, 34	0, 84

2 ad ε Sagittarii, obſcura ſeq. tres paludamenti. 6. 54

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	292° 46′ 6″	+ 51,″54	CAILLE 16°34′47″	— 7,″71
TOB. MAYER	292 46 0		T. MAY. 16 34 44	
DE ZACH	292 45 56		BARRY 16 34 43	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
☌ 0 0 6	— 7,″38 +		+ 2,″81 —	
10	3, 92	3,″46	2, 39	0,″42
20	— 0, 35 +	3, 57	1, 89	0, 50
1 0 7	+ 3, 23 —	3, 58	1, 33	0, 56
10	6, 72	3, 49	0, 72	0, 61
20	10, 10	3, 29	+ 0, 09 —	0, 63
2 0 8	13, 00	2, 99	— 0, 54 +	0, 63
10	15, 59	2, 59	1, 14	0, 60
20	17, 69	2, 10	1, 71	0, 57
3 0 9	19, 25	1, 56	2, 22	0, 51
10	20, 23	0, 98	2, 66	0, 44
20	20, 61	0, 38	3, 03	0, 37
4 0 10	20, 36	0, 25	3, 32	0, 29
10	19, 49	0, 87	3, 52	0, 20
20	18, 01	1, 48	3, 60	0, 08
5 0 11	16, 02	2, 01	3, 56	0, 04
10	13, 51	2, 49	3, 41	0, 15
20	10, 61	2, 90	3, 16	0, 25

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☌ 0 0 6	+ 1,″10 —		+ 8,″80 —	
10	— 2, 10 +	3,″20	9, 14	0,″34
20	5, 22	3, 12	9, 21	0, 07
1 0 7	8, 19	2, 97	9, 00	0, 21
10	10, 92	2, 73	8, 51	0, 49
20	13, 32	2, 40	7, 77	0, 74
2 0 8	15, 32	2, 00	6, 79	0, 98
10	16, 84	1, 52	5, 60	1, 19
20	17, 84	1, 00	4, 25	1, 35
3 0 9	18, 30	0, 46	2, 76	1, 49
10	18, 21	0, 09	+ 1, 18 —	1, 58
20	17, 57	0, 64	— 0, 42 +	1, 60
4 0 10	16, 39	1, 18	2, 01	1, 59
10	14, 72	1, 67	3, 54	1, 53
20	12, 60	2, 12	4, 97	1, 43
5 0 11	10, 09	2, 51	6, 24	1, 27
10	7, 28	2, 81	7, 32	1, 08
20	4, 25	3, 03	8, 19	0, 87

f Sagittarii, duarum in auſtr. part. paludamenti auſtralior. 6. 56

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	293° 40′ 23″	+ 52,″80	CAILLE 20° 13′ 40″	— 8,″00
BRADLEY	293 40 19		BRADL. 20 13 44	
TOB. MAYER	293 40 27		T. MAY. 20 13 36	
DE ZACH	293 40 10		BARRY 20 13 40	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 7,″86 +		+ 1,″67 —	
10	4, 35	3,″51	1, 16	0,″51
20	— 0, 71 +	3, 64	0, 61	0, 55
1 0 7	+ 2, 95 —	3, 66	+ 0, 05 —	0, 56
10	6, 52	3, 57	— 0, 50 +	0, 55
20	9, 89	3, 37	1, 05	0, 55
2 0 8	12, 96	3, 07	1, 57	0, 52
10	15, 64	2, 68	2, 04	0, 47
20	17, 85	2, 21	2, 44	0, 40
3 0 9	19, 51	1, 66	2, 78	0, 34
10	20, 58	1, 07	3, 03	0, 25
20	21, 03	0, 45	3, 18	0, 15
4 0 10	20, 83	0, 20	3, 24	0, 06
10	19, 99	0, 84	3, 21	0, 03
20	18, 55	1, 44	3, 08	0, 13
5 0 11	16, 56	1, 99	2, 85	0, 23
10	14, 06	2, 50	2, 53	0, 32
20	11, 13	2, 93	2, 13	0, 40

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″42 —		+ 8,″75 —	
10	— 1, 87 +	3,″29	9, 09	0,″36
20	5, 09	3, 22	9, 18	0, 09
1 0 7	8, 15	3, 06	8, 99	0, 19
10	10, 96	2, 81	8, 53	0, 46
20	13, 45	2, 49	7, 81	0, 72
2 0 8	15, 53	2, 08	6, 85	0, 96
10	17, 14	1, 61	5, 68	1, 17
20	18, 22	1, 08	4, 33	1, 35
3 0 9	18, 74	0, 52	2, 86	1, 47
10	18, 70	0, 04	+ 1, 30 —	1, 56
20	18, 09	0, 61	— 0, 31 +	1, 61
4 0 10	16, 93	1, 16	1, 90	1, 59
10	15, 27	1, 66	3, 43	1, 53
20	13, 13	2, 14	4, 86	1, 43
5 0 11	10, 59	2, 54	6, 13	1, 27
10	7, 73	2, 86	7, 22	1, 09
20	4, 65	3, 08	8, 10	0, 88

57 Sagittarii. 6. 57

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	295° 8′ 33″		CAILLE 19°32′29″	
DE ZACH	295 8 19	+ 52,″48	BARRY 19 31 22	— 8,″47

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″28 +		+ 1,″96 —	
10	4, 82	3,″46	1, 45	0,″51
20	— 1, 22 +	3, 60	0, 90	0, 55
		3, 64		0, 60
1 0 7	+ 2, 42 —		+ 0, 30 —	
10	6, 00	3, 58	— 0, 30 +	0, 60
20	9, 39	3, 39	0, 90	0, 60
		3, 10		0, 55
2 0 8	12, 49		1, 45	
10	15, 21	2, 72	1, 96	0, 51
20	17, 48	2, 27	2, 42	0, 46
		1, 73		0, 39
3 0 9	19, 21		2, 81	
10	20, 35	1, 14	3, 11	0, 30
20	20, 88	0, 53	3, 31	0, 20
		0, 10		0, 10
4 0 10	20, 78		3, 41	
10	20, 04	0, 74	3, 41	0, 00
20	18, 69	1, 35	3, 31	0, 10
		1, 91		0, 20
5 0 11	16, 78		3, 11	
10	14, 35	2, 43	2, 81	0, 30
20	11, 48	2, 87	2, 42	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″39 —		+ 8,″62 —	
10	— 1, 84 +	3,″23	9, 01	0,″39
20	5, 02	3, 18	9, 15	0, 14
		3, 01		0, 12
1 0 7	8, 03		9, 03	
10	10, 86	2, 83	8, 57	0, 46
20	13, 34	2, 48	7, 87	0, 70
		2, 07		0, 94
2 0 8	15, 41		6, 93	
10	17, 01	1, 60	5, 79	1, 14
20	18, 09	1, 08	4, 47	1, 32
		0, 53		1, 45
3 0 9	18, 62		3, 02	
10	18, 59	0, 03	+ 1, 48 —	1, 54
20	18, 01	0, 58	— 0, 11 +	1, 59
		1, 15		1, 58
4 0 10	16, 86		1, 69	
10	15, 20	1, 66	3, 23	1, 54
20	13, 07	2, 13	4, 67	1, 44
		2, 52		1, 29
5 0 11	10, 55		5, 96	
10	7, 72	2, 83	7, 07	1, 11
20	4, 67	3, 05	7, 97	0, 90

ω Sagittarii, de quatuor in quadrilat. ad eductionem caudae borei lateris praecedens. 5. 58

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	295° 53′ 24″	+ 55,″16	CAILLE 26°49′ 6″	— 8,″70
BRADLEY	295 53 19		BRADL. 26 49 3	
TOB. MAYER	295 53 26		T. MAY. 26 48 57	
DE ZACH	295 53 25		BARRY 26 48 55	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 8,″96 +		— 0,″32 +	
10	5, 33	3,″63	1, 01	0,″69
20	— 1, 54 +	3, 79	1, 66	0, 65
1 0 7	+ 2, 30 —	3, 84	2, 26	0, 60
10	6, 07	3, 77	2, 79	0, 53
20	9, 66	3, 59	3, 24	0, 45
2 0 8	12, 96	3, 30	3, 59	0, 35
10	15, 87	2, 91	3, 82	0, 23
20	18, 30	2, 43	3, 94	0, 12
3 0 9	20, 16	1, 86	3, 94	0, 00
10	21, 41	1, 25	3, 82	0, 12
20	22, 02	0, 61	3, 59	0, 23
4 0 10	21, 95	0, 07	3, 24	0, 35
10	21, 21	0, 74	2, 81	0, 43
20	19, 83	1, 38	2, 30	0, 51
5 0 11	17, 85	1, 98	1, 70	0, 60
10	15, 32	2, 53	1, 04	0, 66
20	12, 34	2, 98	0, 36	0, 68

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″11 —		+ 8,″59 —	
10	— 1, 33 +	3,″44	8, 99	0,″40
20	4, 73	3, 40	9, 13	0, 14
1 0 7	7, 98	3, 25	8, 99	0, 14
10	10, 97	2, 99	8, 58	0, 41
20	13, 63	2, 66	7, 91	0, 67
2 0 8	15, 89	2, 26	6, 99	0, 92
10	17, 69	1, 80	5, 86	1, 13
20	18, 97	1, 28	4, 56	1, 30
3 0 9	19, 62	0, 65	3, 11	1, 45
10	19, 65	0, 03	+ 1, 57 —	1, 54
20	19, 09	0, 56	— 0, 01 +	1, 58
4 0 10	18, 00	1, 09	1, 60	1, 59
10	16, 37	1, 63	3, 13	1, 53
20	14, 21	2, 16	4, 57	1, 44
5 0 11	11, 59	2, 62	5, 87	1, 30
10	8, 65	2, 94	7, 00	1, 13
20	5, 47	3, 18	7, 92	0, 92

A Sagittarii, borei lateris sequens. 5. 60

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	296° 41′ 19″	+ 55,″06	CAILLE 26° 43′ 38″	— 8,″95
BRADLEY	296 41 18		BRADL. 26 43 25	
TOB. MAYER	296 41 19		T. MAY. 26 43 21	
DE ZACH	296 41 6		BARRY 26 43 19	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″21 +		— 0,″25 +	
10	5, 61	3,″60	0, 94	0,″69
20	— 1, 83 +	3, 78	1, 61	0, 67
1 0 7	+ 2, 01 —	3, 84	2, 23	0, 62
10	5, 79	3, 78	2, 78	0, 55
20	9, 39	3, 60	3, 25	0, 47
2 0 8	12, 70	3, 31	3, 62	0, 37
10	15, 62	2, 92	3, 88	0, 26
20	18, 06	2, 44	4, 02	0, 14
3 0 9	19, 98	1, 92	4, 03	0, 01
10	21, 30	1, 32	3, 92	0, 11
20	21, 97	0, 67	3, 70	0, 22
4 0 10	21, 95	0, 02	3, 38	0, 32
10	21, 26	0, 69	2, 95	0, 43
20	19, 92	1, 34	2, 42	0, 53
5 0 11	17, 99	1, 93	1, 81	0, 61
10	15, 51	2, 48	1, 15	0, 66
20	12, 56	2, 95	0, 46	0, 69

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″14 —		+ 8,″53 —	
10	— 1, 30 +	3,″44	8, 97	0,″44
20	4, 68	3, 38	9, 12	0, 15
1 0 7	7, 91	3, 23	8, 99	0, 13
10	10, 90	2, 99	8, 58	0, 41
20	13, 57	2, 67	7, 91	0, 67
2 0 8	15, 85	2, 28	7, 02	0, 89
10	17, 64	1, 78	5, 92	1, 10
20	18, 87	1, 24	4, 63	1, 29
3 0 9	19, 54	0, 67	3, 20	1, 43
10	19, 62	0, 08	1, 67	1, 53
20	19, 11	0, 51	+ 0, 11 —	1, 56
4 0 10	18, 01	1, 10	— 1, 49 +	1, 60
10	16, 35	1, 66	3, 03	1, 54
20	14, 20	2, 15	4, 47	1, 44
5 0 11	11, 63	2, 57	5, 78	1, 31
10	8, 71	2, 92	6, 91	1, 13
20	5, 52	3, 19	7, 84	0, 93

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	296° 38′ 59″	+ 51,″17	CAILLE 16° 0′ 39″	— 8,″94
TOB. MAYER	296 38 58		T. MAY. 16 0 26	
DE ZACH	296 38 50		BARRY 16 0 33	
			L.LAND. 16 0 21	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
○ 0 6	— 8,″53 +		+ 3,″14 —	
10	5, 16	3,″37	2, 66	0,″48
20	— 1, 65 +	3, 51	2, 10	0, 56
1 0 7	+ 1, 90 +	3, 55	1, 49	0, 61
10	5, 40	3, 50	0, 82	0, 67
20	8, 74	3, 34	+ 0, 13 —	0, 69
2 0 8	11, 82	3, 08	— 0, 56 +	0, 69
10	14, 56	2, 74	1, 24	0, 68
20	16, 84	2, 28	1, 88	0, 64
3 0 9	18, 60	1, 76	2, 47	0, 59
10	19, 80	1, 20	2, 98	0, 51
20	20, 40	0, 60	3, 39	0, 41
4 0 10	20, 39	0, 01	3, 71	0, 32
10	19, 75	0, 64	3, 91	0, 20
20	18, 51	1, 24	4, 00	0, 09
5 0 11	16, 70	1, 81	3, 96	0, 04
10	14, 39	2, 31	3, 79	0, 17
20	11, 64	2, 75	3, 52	0, 27

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
○ 0 6	+ 1,″23 —		+ 8,″54 —	
10	— 1, 96 +	3,″19	8, 96	0,″42
20	5, 08	3, 12	9, 11	0, 15
1 0 7	8, 03	2, 95	8, 99	0, 12
10	10, 73	2, 70	8, 60	0, 39
20	13, 12	2, 39	7, 94	0, 66
2 0 8	15, 13	2, 01	7, 03	0, 91
10	16, 67	1, 54	5, 91	1, 12
20	17, 68	1, 01	4, 62	1, 29
3 0 9	18, 15	0, 47	3, 19	1, 43
10	18, 09	0, 06	1, 66	1, 53
20	17, 49	0, 60	+ 0, 08 —	1, 58
4 0 10	16, 35	1, 14	— 1, 50 +	1, 58
10	14, 70	1, 65	2, 03	1, 53
20	12, 61	2, 09	4, 47	1, 44
5 0 11	10, 15	2, 46	5, 78	1, 31
10	7, 37	2, 78	6, 92	1, 14
20	4, 36	3, 01	7, 85	0, 93

c Sagittarii, de quatuor in quadrilat. ad eductionem caudae auſtrini lateris ſequens. 6. 62

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	297° 35′ 0″	+ 55,″59	CAILLE 28° 14′ 55″	— 9,″23
TOB. MAYER	297 35 7		T. MAY. 28 15 8	
DE ZACH	297 34 58		BARRY 28 15 3	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″65 +		— 0,″67 +	
10	6, 01	3,″64	1, 41	0,″75
20	— 2, 19 +	3, 82	2, 13	0, 71
1 0 7	+ 1, 70 —	3, 89	2, 78	0, 65
10	5, 54	3, 84	3, 33	0, 55
20	9, 21	3, 67	3, 78	0, 45
2 0 8	12, 60	3, 39	4, 12	0, 34
10	15, 61	3, 01	4, 34	0, 22
20	18, 14	2, 53	4, 43	0, 09
3 0 9	20, 11	1, 97	4, 39	0, 04
10	21, 48	1, 37	4, 21	0, 18
20	22, 20	0, 72	3, 90	0, 31
4 0 10	22, 24	0, 04	3, 47	0, 43
10	21, 60	0, 64	2, 93	0, 54
20	20, 31	1, 29	2, 31	0, 62
5 0 11	18, 41	1, 90	1, 61	0, 70
10	15, 95	2, 46	0, 87	0, 74
20	13, 00	2, 95	0, 11	0, 76

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″42 —		+ 8,″46 —	
10	— 1, 09 +	3,″51	8, 90	0,″44
20	4, 53	3, 44	9, 07	0, 17
1 0 7	7, 80	3, 27	8, 96	0, 11
10	10, 84	3, 04	8, 58	0, 38
20	13, 58	2, 74	7, 95	0, 63
2 0 8	15, 91	2, 33	7, 08	0, 87
10	17, 74	1, 83	5, 99	1, 09
20	19, 01	1, 27	4, 72	1, 27
3 0 9	19, 73	0, 72	3, 29	1, 43
10	19, 84	0, 11	1, 75	1, 54
20	19, 36	0, 48	+ 0, 19 —	1, 56
4 0 10	18, 28	1, 08	— 1, 37 +	1, 56
10	16, 63	1, 65	2, 91	1, 54
20	14, 48	2, 15	4, 36	1, 45
5 0 11	11, 91	2, 57	5, 67	1, 31
10	8, 98	2, 93	6, 81	1, 14
20	5, 78	3, 20	7, 75	0, 94

63. Sagittarii. 63

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
TOB. MAYER	297° 41′ 22″	+ 50,″52	T. MAY. 14°10′46″	— 9,″27
DE ZACH	297 41 18		BARRY 14 10 40	
			L.LAND. 14 10 30	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	— 8,″79 +		+ 3,″83 —	
10	5, 49	3,″30	3, 36	0,″47
20	— 2, 02 +	3, 47	2, 79	0, 57
♑ 1 0 7	+ 1, 52 —	3, 54	2, 14	0, 65
10	5, 02	3, 50	1, 44	0, 70
20	8, 36	3, 34	+ 0, 70 —	0, 74
♑ 2 0 8	11, 43	3, 07	— 0, 07 +	0, 77
10	14, 15	2, 72	0, 85	0, 78
20	16, 45	2, 30	1, 63	0, 78
♑ 3 0 9	18, 25	1, 80	2, 36	0, 73
10	19, 50	1, 25	2, 99	0, 63
20	20, 16	0, 66	3, 52	0, 53
♑ 4 0 10	20, 21	0, 05	3, 92	0, 40
10	19, 64	0, 57	4, 18	0, 26
20	18, 47	1, 17	4, 30	0, 12
♑ 5 0 11	16, 76	1, 71	4, 32	0, 02
10	14, 50	2, 24	4, 28	0, 04
20	11, 83	2, 67	4, 14	0, 14

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	+ 1,″12 —		+ 8,″45 —	
10	— 2, 01 +	3,″13	8, 89	0,″44
20	5, 08	3, 07	9, 06	0, 17
♑ 1 0 7	8, 00	2, 92	8, 96	0, 10
10	10, 67	2, 67	8, 59	0, 37
20	13, 02	2, 35	7, 96	0, 63
♑ 2 0 8	14, 98	1, 96	7, 08	0, 88
10	16, 48	1, 50	5, 99	1, 09
20	17, 47	0, 99	4, 72	1, 27
♑ 3 0 9	17, 94	0, 47	3, 30	1, 42
10	17, 86	0, 08	1, 78	1, 52
20	17, 24	0, 62	+ 0, 21 —	1, 57
♑ 4 0 10	16, 09	1, 15	— 1, 36 +	1, 57
10	14, 45	1, 64	2, 90	1, 54
20	12, 38	2, 07	4, 35	1, 45
♑ 5 0 11	9, 93	2, 45	5, 67	1, 32
10	7, 19	2, 74	6, 81	1, 14
20	4, 22	2, 97	7, 75	0, 94

65 Sagittarii. 6. 65

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
TOB. MAYER	298° 35′ 6″	+ 50,″17	T. MAY. 13°13′ 2″	— 9,″54
DE ZACH	298 34 30		BARRY 13 13 1	
			L.-LAND. 13 12 55	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	— 9,″02 +		+ 4,″09 —	
10	5, 75	3,″27	3, 65	0,″46
20	— 2, 31 +	3, 44	3, 07	0, 56
♑ 1 0 7	+ 1, 21 —	3, 52	2, 43	0, 64
10	4, 70	3, 49	1, 72	0, 71
20	8, 04	3, 34	0, 95	0, 77
♑ 2 0 8	11, 12	3, 08	+ 0, 16 —	0, 79
10	13, 86	2, 74	— 0, 65 +	0, 81
20	16, 19	2, 33	1, 44	0, 79
♑ 3 0 9	18, 03	1, 84	2, 19	0, 75
10	19, 32	1, 29	2, 86	0, 67
20	20, 03	0, 71	3, 45	0, 59
♑ 4 0 10	20, 13	0, 10	3, 94	0, 49
10	19, 61	0, 52	4, 30	0, 36
20	18, 50	1, 11	4, 54	0, 24
♑ 5 0 11	16, 83	1, 67	4, 63	0, 09
10	14, 65	2, 18	4, 58	0, 05
20	12, 02	2, 63	4, 40	0, 18

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	+ 1,″07 —		+ 8,″37 —	
10	— 2, 04 +	3,″11	8, 84	0,″47
20	5, 08	3, 04	9, 04	0, 20
♑ 1 0 7	7, 97	2, 89	8, 95	0, 09
10	10, 62	2, 65	8, 59	0, 36
20	12, 95	2, 33	7, 98	0, 61
♑ 2 0 8	14, 89	1, 94	7, 13	0, 85
10	16, 38	1, 49	6, 06	1, 07
20	17, 36	0, 98	4, 81	1, 25
♑ 3 0 9	17, 81	0, 45	3, 41	1, 40
10	17, 73	0, 08	1, 90	1, 51
20	17, 11	0, 62	+ 0, 33 —	1, 57
♑ 4 0 10	15, 97	1, 14	— 1, 26 +	1, 59
10	14, 34	1, 63	2, 79	1, 53
20	12, 27	2, 07	4, 23	1, 44
♑ 5 0 11	9, 83	2, 44	5, 55	1, 32
10	7, 10	2, 73	6, 71	1, 16
20	4, 15	2, 95	7, 65	0, 94

1 Capricorni, in externo cornu antecedente. 6. 1

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	300° 13′ 8″	+ 50,″03	CAILLE 12°58′30″	— 10,″04
TOB. MAYER	300 13 5		T. MAY. 12 58 26	
DE ZACH	300 12 56		BARRY 12 58 32	
			L.LAND. 12 58 20	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″46 +		+ 4,″22 —	
10	6, 24	3,″22	3, 75	0,″47
20	— 2, 83 +	3, 41	3, 18	0, 57
1 0 7	+ 0, 67 —	3, 50	2, 52	0, 66
10	4, 14	3, 47	1, 78	0, 74
20	7, 49	3, 35	0, 98	0, 80
2 0 8	10, 62	3, 13	+ 0, 16 —	0, 82
10	13, 43	2, 81	— 0, 67 +	0, 83
20	15, 83	2, 40	1, 49	0, 82
3 0 9	17, 75	1, 92	2, 26	0, 77
10	19, 12	1, 37	2, 96	0, 70
20	19, 90	0, 78	3, 56	0, 60
4 0 10	20, 08	0, 18	4, 06	0, 50
10	19, 65	0, 43	4, 44	0, 38
20	18, 64	1, 01	4, 68	0, 24
5 0 11	17, 06	1, 58	4, 78	0, 10
10	14, 96	2, 10	4, 73	0, 05
20	12, 40	2, 56	4, 54	0, 19

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″11 —		+ 8,″25 —	
10	— 2, 00 +	3,″11	8, 74	0,″49
20	5, 05	3, 05	8, 97	0, 23
1 0 7	7, 93	2, 88	8, 93	0, 04
10	10, 56	2, 63	8, 62	0, 31
20	12, 87	2, 31	8, 05	0, 57
2 0 8	14, 84	1, 97	7, 22	0, 83
10	16, 32	1, 48	6, 18	1, 04
20	17, 30	0, 98	4, 95	1, 23
3 0 9	17, 76	0, 46	3, 57	1, 38
10	17, 69	0, 07	2, 09	1, 48
20	17, 08	0, 61	+ 0, 54 —	1, 55
4 0 10	15, 94	1, 14	— 1, 03 +	1, 57
10	14, 31	1, 63	2, 56	1, 53
20	12, 26	2, 05	4, 01	1, 45
5 0 11	9, 84	2, 42	5, 35	1, 34
10	7, 12	2, 72	6, 53	1, 18
20	4, 18	2, 94	7, 50	0, 97

1 ad α Capricorni, in ſequenti cornu media. 4. 5

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	301° 38′ 16″	+ 50,″01	LA CAILLE 13° 7′ 4″	— 10,″47
BRADLEY	301 38 18		BRADLEY 13 6 56	
TOB. MAYER	301 38 18		T MAYER 13 6 49	
MASKELYNE	301 38 12		MASKELYNE 13 7 0	
			BARRY 13 6 58	
			LA LANDE 13 6 47	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″79 +		+ 4,″23 —	
10	6, 60	3,″19	3, 75	0,″48
20	— 3, 19 +	3, 41	3, 16	0, 59
1 0 7	+ 0, 31 —	3, 50	2, 48	0, 68
10	3, 79	3, 48	1, 72	0, 76
20	7, 15	3, 36	0, 90	0, 82
2 0 8	10, 30	3, 15	+ 0, 06 —	0, 84
10	13, 14	2, 84	— 0, 78 +	0, 84
20	15, 58	2, 44	1, 59	0, 81
3 0 9	17, 53	1, 95	2, 37	0, 78
10	18, 95	1, 42	3, 06	0, 69
20	19, 81	0, 86	3, 67	0, 61
4 0 10	20, 07	0, 26	4, 16	0, 49
10	19, 71	0, 36	4, 53	0, 37
20	18, 75	0, 96	4, 76	0, 23
5 0 11	17, 23	1, 52	4, 84	0, 08
10	15, 19	2, 04	4, 78	0, 06
20	12, 68	2, 51	4, 57	0, 21

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″16 —		+ 8,″15 —	
10	— 1, 95 +	3,″11	8, 68	0,″53
20	5, 00	3, 05	8, 93	0, 25
1 0 7	7, 88	2, 88	8, 91	0, 02
10	10, 52	2, 64	8, 62	0, 29
20	12, 85	2, 33	8, 08	0, 54
2 0 8	14, 80	1, 95	7, 29	0, 79
10	16, 29	1, 49	6, 27	1, 02
20	17, 28	0, 99	5, 06	1, 21
3 0 9	17, 76	0, 48	3, 70	1, 36
10	17, 69	0, 07	2, 23	1, 47
20	17, 09	0, 60	+ 0, 68 —	1, 55
4 0 10	15, 96	1, 13	— 0, 88 +	1, 56
10	14, 34	1, 62	2, 41	1, 53
20	12, 29	2, 05	3, 87	1, 46
5 0 11	9, 88	2, 41	5, 21	1, 34
10	7, 17	2, 71	6, 39	1, 18
20	4, 23	2, 94	7, 38	0, 99

2 ad *a* Capricorni. 3. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	301° 44′ 6″	+ 50,″02	CAILLE 13° 9′ 19″	— 10,″50
BRADLEY	301 44 12		BRADLEY 13 9 15	
TOB. MAYER	301 44 10		T. MAYER 13 9 9	
MASKELYNE	301 44 7		MASKELYNE 13 9 17	
			BARRY 13 9 16	
			LA LANDE 13 9 5	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 9,″91 +		+ 4,″23 —	
10	6, 83	3,″18	3, 74	0,″49
20	— 3, 33 +	3, 40	3, 14	0, 60
		3, 49		0, 68
1 0 7	+ 0, 16 —		2, 46	
10	3, 65	3, 49	1, 70	0, 76
20	7, 03	3, 38	0, 88	0, 82
		3, 15		0, 84
2 0 8	10, 18		+ 0, 04 —	
10	13, 03	2, 85	— 0, 80 +	0, 84
20	15, 48	2, 45	1, 61	0, 81
		1, 98		0, 77
3 0 9	17, 46		2, 38	
10	18, 92	1, 46	3, 08	0, 70
20	19, 80	0, 88	3, 69	0, 61
		0, 28		0, 49
4 0 10	20, 08		4, 18	
10	19, 74	0, 34	4, 54	0, 36
20	18, 80	0, 94	4, 77	0, 23
		1, 48		0, 08
5 0 11	17, 32		4, 85	
10	15, 31	2, 01	4, 78	0, 07
20	12, 82	2, 49	4, 57	0, 21

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″17 —		+ 8,″12 —	
10	— 1, 94 +	3,″11	8, 66	0,″52
20	4, 99	3, 05	8, 90	0, 26
		2, 88		0, 01
1 0 7	7, 87		8, 91	
10	10, 52	2, 65	8, 63	0, 28
20	12, 85	2, 33	8, 09	0, 54
		1, 95		0, 78
2 0 8	14, 80		7, 31	
10	16, 30	1, 50	6, 30	1, 01
20	17, 29	0, 99	5, 10	1, 20
		0, 47		1, 35
3 0 9	17, 76		3, 75	
10	17, 70	0, 06	2, 29	1, 46
20	17, 11	0, 61	+ 0, 75 —	1, 54
		1, 14	— 0, 82 +	1, 57
4 0 10	15, 97		2, 36	
10	14, 35	1, 62	3, 82	1, 54
20	12, 30	2, 05		1, 46
		2, 41		1, 34
5 0 11	9, 89		5, 16	
10	7, 18	2, 71	6, 34	1, 18
20	4, 24	2, 94	7, 34	1, 00

σ Capricorni, in dextro oculo. 6. 7

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	301° 57′ 39″	+ 52,″14	CAILLE 19°43′53″	— 10,″56
BRADLEY	301 57 29		BRADL. 19 43 53	
TOB. MAYER	301 57 38		T. MAY. 19 43 55	
DE ZACH	301 57 28		BARRY 19 43 52	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″30 +		+ 2,″25 —	
10	7, 02	3,″28	1, 60	0,″65
20	— 3, 52 +	3, 50	0, 90	0, 70
1 0 7	+ 0, 10 —	3, 62	+ 0, 17 —	0, 73
10	3, 71	3, 61	— 0, 57 +	0, 74
20	7, 20	3, 49	1, 29	0, 72
2 0 8	10, 47	3, 27	1, 97	0, 68
10	13, 42	2, 95	2, 59	0, 62
20	15, 96	2, 54	3, 12	0, 53
3 0 9	18, 02	2, 06	3, 56	0, 44
10	19, 54	1, 52	3, 89	0, 33
20	20, 47	0, 93	4, 11	0, 22
4 0 10	20, 77	0, 30	4, 21	0, 10
10	20, 43	0, 34	4, 18	0, 03
20	19, 47	0, 96	4, 01	0, 17
5 0 11	17, 93	1, 54	3, 73	0, 28
10	15, 85	2, 08	3, 34	0, 39
20	13, 28	2, 57	2, 84	0, 50

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″81 —		+ 8,″10 —	
10	— 1, 44 +	3,″25	8, 64	0,″54
20	4, 64	3, 20	8, 91	0, 27
1 0 7	7, 69	3, 05	8, 91	0, 00
10	10, 50	2, 81	8, 63	0, 28
20	13, 00	2, 50	8, 09	0, 54
2 0 8	15, 12	2, 12	7, 31	0, 78
10	16, 78	1, 66	6, 31	1, 00
20	17, 92	1, 14	5, 12	1, 19
3 0 9	18, 52	0, 60	3, 78	1, 34
10	18, 55	0, 03	2, 31	1, 47
20	18, 02	0, 53	+ 0, 75 —	1, 56
4 0 10	16, 93	1, 09	— 0, 81 +	1, 56
10	15, 33	1, 60	2, 33	1, 52
20	13, 27	2, 06	3, 78	1, 45
5 0 11	10, 82	2, 45	5, 14	1, 36
10	8, 03	2, 79	6, 34	1, 20
20	5, 00	3, 03	7, 32	0, 98

ν Capricorni. 6. 8

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Ault.	Var. ann. Decl. med.
DE LA CAILLE	302° 23′ 26″	+ 50,″06	CAILLE 13°22′40″	— 10,″69
TOB. MAYER	302 23 24		T. MAY. 13 22 34	
DE ZACH	302 23 18		BARRY 13 22 39	
			L.LAND. 13 22 24	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″09 +		+ 4,″18 —	
10	6, 94	3,″15	3, 68	0,″50
20	3, 56	3, 38	3, 08	0, 60
1 0 7	— 0, 06 +	3, 50	2, 38	0, 70
10	+ 3, 43 —	3, 49	1, 60	0, 78
20	6, 80	3, 37	+ 0, 78 —	0, 82
2 0 8	9, 97	3, 17	— 0, 06 +	0, 84
10	12, 86	2, 88	0, 90	0, 84
20	15, 34	2, 49	1, 72	0, 82
3 0 9	17, 36	2, 02	2, 47	0, 75
10	18, 84	1, 48	3, 15	0, 68
20	19, 76	0, 92	3, 75	0, 60
4 0 10	20, 09	0, 33	4, 23	0, 48
10	19, 79	0, 30	4, 58	0, 35
20	18, 88	0, 91	4, 78	0, 20
5 0 11	17, 40	1, 48	4, 85	0, 07
10	15, 42	1, 98	4, 76	0, 08
20	12, 96	2, 46	4, 54	0, 22

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″22 —		+ 8,″06 —	
10	— 1, 89 +	3,″11	8, 59	0,″54
20	4, 95	3, 06	8, 86	0, 28
1 0 7	7, 84	2, 89	8, 89	0, 01
10	10, 49	2, 65	8, 62	0, 27
20	12, 83	2, 34	8, 10	0, 52
2 0 8	14, 79	1, 96	7, 33	0, 77
10	16, 30	1, 51	6, 34	0, 99
20	17, 29	0, 99	5, 15	1, 19
3 0 9	17, 77	0, 48	3, 82	1, 33
10	17, 72	0, 05	2, 36	1, 46
20	17, 12	0, 60	+ 0, 82 —	1, 54
4 0 10	16, 00	1, 12	— 0, 74 +	1, 56
10	14, 40	1, 60	2, 25	1, 51
20	12, 36	2, 04	3, 70	1, 45
5 0 11	9, 94	2, 42	5, 06	1, 36
10	7, 23	2, 71	6, 27	1, 21
20	4, 29	2, 94	7, 28	1, 01

β Capricorni, trium in ſequente cornu auſtrina. 3. 9

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	302° 26′ 19″		CAILLE 15°24′ 8″	
BRADLEY	302 26 23		BRADL. 15 24 8	
TOB. MAYER	302 26 26		T. MAY. 15 24 0	
DE LAMBRE	302 26 30	+	BARRY 15 24 6	—
DE ZACH	302 26 19	50,″70	L.LAND. 15 23 56	10,″71

Long. ⊙	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″19 +		+ 3,″57 —	
10	7, 00	3,″19	3, 03	0,″54
20	3, 59	3, 41	2, 39	0, 64
1 0 7	— 0, 06 +	3, 53	1, 68	0, 71
10	+ 3, 46 —	3, 52	0, 89	0, 79
20	6, 86	3, 40	+ 0, 10 —	0, 79
2 0 8	10, 06	3, 20	— 0, 69 +	0, 79
10	12, 96	2, 90	1, 46	0, 77
20	15, 47	2, 51	2, 18	0, 72
3 0 9	17, 50	2, 03	2, 84	0, 68
10	19, 00	1, 50	3, 41	0, 57
20	19, 92	0, 92	3, 88	0, 47
4 0 10	20, 25	0, 33	4, 25	0, 37
10	19, 95	0, 30	4, 48	0, 23
20	19, 04	0, 91	4, 56	0, 08
5 0 11	17, 56	1, 48	4, 52	0, 04
10	15, 55	2, 01	4, 33	0, 19
20	13, 07	2, 48	4, 02	0, 31

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″41 —		+ 8,″04 —	
10	— 1, 74 +	3,″15	8, 56	0,″52
20	4, 84	3, 10	8, 85	0, 29
1 0 7	7, 78	2, 94	8, 87	0, 02
10	10, 48	2, 70	8, 62	0, 25
20	12, 88	2, 40	8, 10	0, 52
2 0 8	14, 88	2, 00	7, 33	0, 77
10	16, 43	1, 55	6, 34	0, 99
20	17, 48	1, 05	5, 15	1, 19
3 0 9	18, 00	0, 52	3, 81	1, 34
10	17, 97	0, 03	2, 36	1, 45
20	17, 40	0, 57	+ 0, 83 —	1, 53
4 0 10	16, 29	1, 11	— 0, 73 +	1, 56
10	14, 69	1, 60	2, 25	1, 52
20	12, 65	2, 04	3, 70	1, 45
5 0 11	10, 23	2, 42	5, 05	1, 35
10	7, 49	2, 74	6, 26	1, 21
20	4, 52	2, 97	7, 28	1, 02

β Capricorni, trium in ſequente cornu auſtrina. 3. 9

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	302° 26′ 19″		CAILLE 15°24′ 8″	
BRADLEY	302 26 23		BRADL. 15 24 8	
TOB. MAYER	302 26 26		T. MAY. 15 24 0	
DE LAMBRE	302 26 30	+	BARRY 15 24 6	—
DE ZACH	302 26 19	50,″70	L.LAND. 15 23 56	10,″71

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″19 +		+ 3,″57 —	
10	7, 00	3,″19	3, 03	0,″54
20	3, 59	3, 41	2, 39	0, 64
1 0 7	— 0, 06 +	3, 53	1, 68	0, 71
10	+ 3, 46 —	3, 52	0, 89	0, 79
20	6, 86	3, 40	+ 0, 10 —	0, 79
2 0 8	10, 06	3, 20	— 0, 69 +	0, 79
10	12, 96	2, 90	1, 46	0, 77
20	15, 47	2, 51	2, 18	0, 72
3 0 9	17, 50	2, 03	2, 84	0, 68
10	19, 00	1, 50	3, 41	0, 57
20	19, 92	0, 92	3, 88	0, 47
4 0 10	20, 25	0, 33	4, 25	0, 37
10	19, 95	0, 30	4, 48	0, 23
20	19, 04	0, 91	4, 56	0, 08
5 0 11	17, 56	1, 48	4, 52	0, 04
10	15, 55	2, 01	4, 33	0, 19
20	13, 07	2, 48	4, 02	0, 31

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″41 —		+ 8,″04 —	
10	— 1, 74 +	3,″15	8, 56	0,″52
20	4, 84	3, 10	8, 85	0, 29
1 0 7	7, 78	2, 94	8, 87	0, 02
10	10, 48	2, 70	8, 62	0, 25
20	12, 88	2, 40	8, 10	0, 52
2 0 8	14, 88	2, 00	7, 33	0, 77
10	16, 43	1, 55	6, 34	0, 99
20	17, 48	1, 05	5, 15	1, 19
3 0 9	18, 00	0, 52	3, 81	1, 34
10	17, 97	0, 03	2, 36	1, 45
20	17, 40	0, 57	+ 0, 83 —	1, 53
4 0 10	16, 29	1, 11	— 0, 73 +	1, 56
10	14, 69	1, 60	2, 25	1, 52
20	12, 65	2, 04	3, 70	1, 45
5 0 11	10, 23	2, 42	5, 05	1, 35
10	7, 49	2, 74	6, 26	1, 21
20	4, 52	2, 97	7, 28	1, 02

π Capricorni, trium in roſtro praecedens. 6. 10

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	303° 57′ 53″	+ 51,″72	CAILLE 18° 51′ 22″	— 11,″16
TOB. MAYER	303 57 55		T. MAY. 18 51 16	
DE ZACH	303 57 46		BARRY 18 51 20	
			L.LAND. 18 51 12	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
○ 0 6	— 10,″83 +		+ 2,″62 —	
10	7, 61	3,″22	1, 95	0,″67
20	4, 16	3, 45	1, 24	0, 71
1 0 7	— 0, 59 +	3, 57	+ 0, 48 —	0, 76
10	+ 3, 00 —	3, 59	— 0, 30 +	0, 78
20	6, 48	3, 48	1, 07	0, 77
2 0 8	9, 77	3, 29	1, 81	0, 74
10	12, 78	3, 01	2, 49	0, 68
20	15, 40	2, 62	3, 10	0, 61
3 0 9	17, 54	2, 14	3, 60	0, 50
10	19, 14	1, 60	3, 99	0, 39
20	20, 18	1, 04	4, 27	0, 28
4 0 10	20, 61	0, 43	4, 43	0, 16
10	20, 40	0, 21	4, 46	0, 03
20	19, 56	0, 84	4, 34	0, 12
5 0 11	18, 13	1, 43	4, 09	0, 25
10	16, 16	1, 97	3, 70	0, 39
20	13, 71	2, 45	3, 20	0, 50

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
○ 0 6	+ 1,″78 —		+ 7,″91 —	
10	— 1, 40 +	3,″18	8, 49	0,″58
20	4, 56	3, 16	8, 81	0, 32
1 0 7	7, 60	3, 04	8, 85	0, 04
10	10, 40	2, 80	8, 62	0, 23
20	12, 88	2, 48	8, 14	0, 48
2 0 8	14, 99	2, 10	7, 41	0, 73
10	16, 63	1, 65	6, 45	0, 96
20	17, 76	1, 13	5, 29	1, 16
3 0 9	18, 36	0, 60	3, 97	1, 32
10	18, 40	0, 04	2, 53	1, 44
20	17, 88	0, 52	+ 1, 02 —	1, 51
4 0 10	16, 81	1, 07	— 0, 52 +	1, 53
10	15, 23	1, 58	2, 05	1, 53
20	13, 19	2, 04	3, 51	1, 46
5 0 11	10, 75	2, 44	4, 87	1, 36
10	7, 98	2, 77	6, 08	1, 21
20	4, 95	3, 03	7, 12	1, 04

ϱ Capricorni, trium in roſtro ſequens. 6. 11

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	304° 21′ 37″	+ 51,″57	CAILLE 18°27′55″	— 11,″27
BRADLEY	304 21 38		BRADL. 18 27 49	
TOB. MAYER	304 21 37		T. MAY. 18 27 44	
DE ZACH	304 21 31		BARRY 18 27 52	
			L.LAND. 18 27 32	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 10,″89 +		+ 2,″76 —	
10	7, 71	3,″18	2, 11	0,″65
20	4, 29	3, 42	1, 38	0, 73
1 0 7	— 0, 73 +	3, 56	+ 0, 62 —	0, 76
10	+ 2, 85 —	3, 58	— 0, 17 +	0, 79
20	6, 34	3, 49	0, 95	0, 78
2 0 8	9, 64	3, 30	1, 69	0, 74
10	12, 65	3, 01	2, 39	0, 70
20	15, 27	2, 62	3, 03	0, 64
3 0 9	17, 41	2, 14	3, 56	0, 53
10	19, 03	1, 62	3, 98	0, 42
20	20, 09	1, 06	4, 29	0, 31
4 0 10	20, 54	0, 45	4, 48	0, 19
10	20, 35	0, 19	4, 53	0, 05
20	19, 54	0, 81	4, 43	0, 10
5 0 11	18, 13	1, 41	4, 19	0, 24
10	16, 18	1, 95	3, 82	0, 37
20	13, 75	2, 43	3, 35	0, 47

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″80 —		+ 7,″87 —	
10	— 1, 41 +	3,″21	8, 45	0,″58
20	4, 58	3, 17	8, 77	0, 32
1 0 7	7, 60	3, 02	8, 83	0, 06
10	10, 39	2, 79	8, 61	0, 22
20	12, 87	2, 48	8, 13	0, 48
2 0 8	14, 97	2, 10	7, 41	0, 72
10	16, 60	1, 63	6, 46	0, 95
20	17, 72	1, 12	5, 31	1, 15
3 0 9	18, 31	0, 59	4, 01	1, 30
10	18, 35	0, 04	2, 58	1, 43
20	17, 82	0, 53	+ 1, 05 —	1, 53
4 0 10	16, 75	1, 07	— 0, 47 +	1, 52
10	15, 17	1, 58	1, 98	1, 51
20	13, 13	2, 04	3, 44	1, 46
5 0 11	10, 70	2, 43	4, 81	1, 37
10	7, 95	2, 75	6, 03	1, 22
20	4, 95	3, 00	7, 07	1, 04

o Capricorni, trium in roſtro auſtrina. 6. 12

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	304° 36′ 12″	+ 51,″85	CAILLE 19°13′57″	— 11,″34
TOB. MAYER	304 36 18		T. MAY. 19 13 56	
DE ZACH	304 36 9		BARRY 19 14 0	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″03 +		+ 2,″57 —	
10	7, 84	3,″19	1, 87	0,″70
20	4, 41	3, 43	1, 13	0, 74
1 0 7	— 0, 84 +	3, 57	+ 0, 35 —	0, 78
10	+ 2, 75 —	3, 59	— 0, 45 +	0, 80
20	6, 26	3, 51	1, 22	0, 77
2 0 8	9, 58	3, 32	1, 95	0, 73
10	12, 61	3, 03	2, 63	0, 68
20	15, 26	2, 65	3, 24	0, 61
3 0 9	17, 43	2, 17	3, 74	0, 50
10	19, 07	1, 64	4, 12	0, 38
20	20, 15	1, 08	4, 39	0, 27
4 0 10	20, 62	0, 47	4, 52	0, 13
10	20, 45	0, 17	4, 52	0, 00
20	19, 66	0, 79	4, 37	0, 15
5 0 11	18, 25	1, 39	4, 09	0, 28
10	16, 32	1, 93	3, 68	0, 41
20	13, 89	2, 43	3, 17	0, 51

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″89 —		+ 7,″85 —	
10	— 1, 33 +	3,″22	8, 43	0,″58
20	4, 51	3, 18	8, 76	0, 33
1 0 7	7, 55	3, 04	8, 82	0, 06
10	10, 37	2, 82	8, 61	0, 21
20	12, 87	2, 50	8, 14	0, 47
2 0 8	14, 98	2, 11	7, 42	0, 72
10	16, 64	1, 66	6, 47	0, 95
20	17, 78	1, 14	5, 33	1, 16
3 0 9	18, 39	0, 61	4, 04	1, 29
10	18, 44	0, 05	2, 62	1, 42
20	17, 93	0, 51	+ 1, 10 —	1, 52
4 0 10	16, 87	1, 06	— 0, 43 +	1, 53
10	15, 29	1, 58	1, 95	1, 52
20	13, 26	2, 03	3, 41	1, 46
5 0 11	10, 83	2, 43	4, 77	1, 36
10	8, 07	2, 76	5, 99	1, 22
20	5, 06	3, 01	7, 03	1, 04

τ Capricorni, duarum in cervice borealior. 6. 14

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	307° 1′ 12″	+ 50,″53	CAILLE 15°38′44″	— 12,″04
TOB. MAYER	307 1 8		T. MAY. 15 38 39	
DE ZACH	307 1 1		BARRY 15 38 44	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″47 +		+ 3,″73 —	
10	8, 42	3,″05	3, 10	0,″63
20	5, 11	3, 31	2, 39	0, 71
1 0 7	— 1, 64 +	3, 47	1, 61	0, 78
10	+ 1, 88 —	3, 52	+ 0, 77 —	0, 84
20	5, 33	3, 45	— 0, 09 +	0, 86
2 0 8	8, 63	3, 30	0, 94	0, 85
10	11, 67	3, 04	1, 77	0, 83
20	14, 35	2, 68	2, 55	0, 78
3 0 9	16, 59	2, 24	3, 24	0, 69
10	18, 32	1, 73	3, 83	0, 59
20	19, 50	1, 18	4, 31	0, 48
4 0 10	20, 10	0, 60	4, 66	0, 35
10	20, 08	0, 02	4, 88	0, 22
20	19, 45	0, 63	4, 95	0, 07
5 0 11	18, 22	1, 23	4, 86	0, 09
10	16, 45	1, 77	4, 62	0, 24
20	14, 17	2, 28	4, 23	0, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″61 —		+ 7,″62 —	
10	— 1, 53 +	3,″14	8, 24	0,″62
20	4, 63	3, 10	8, 61	0, 37
1 0 7	7, 58	2, 95	8, 73	0, 12
10	10, 30	2, 72	8, 59	0, 14
20	12, 70	2, 40	8, 18	0, 41
2 0 8	14, 73	2, 03	7, 51	0, 67
10	16, 31	1, 58	6, 61	0, 90
20	17, 39	1, 08	5, 52	1, 09
3 0 9	17, 94	0, 55	4, 27	1, 25
10	17, 95	0, 01	2, 89	1, 38
20	17, 41	0, 54	+ 1, 41 —	1, 48
4 0 10	16, 34	1, 07	— 0, 11 +	1, 52
10	14, 77	1, 57	1, 62	1, 51
20	12, 76	2, 01	3, 08	1, 46
5 0 11	10, 36	2, 40	4, 45	1, 37
10	7, 65	2, 71	5, 70	1, 25
20	4, 70	2, 95	6, 77	1, 07

v Capricorni, duarum in cervice auſtralior. 6. 15

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	307° 9′ 47″		CAILLE 18°49′55″	
BRADLEY	307 9 40		BRADL. 18 49 56	
TOB. MAYER	307 9 47		T. MAY. 18 49 49	
DE ZACH	307 9 38	+ 51,″49	BARRY 18 49 54	— 12,″07
			L.LAND. 18 49 40	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″65 +		+ 2,″83 —	
10	8, 57	3,″08	2, 11	0,″72
20	5, 23	3, 34	1, 33	0, 78
		3, 50		0, 82
1 0 7	— 1, 73 +		+ 0, 51 —	
10	+ 1, 83 —	3, 56	— 0, 33 +	0, 84
20	5, 33	3, 50	1, 16	0, 83
		3, 34		0, 80
2 0 8	8, 67		1, 96	
10	11, 75	3, 08	2, 70	0, 74
20	14, 46	2, 71	3, 35	0, 65
		2, 26		0, 55
3 0 9	16, 72		3, 90	
10	18, 48	1, 76	4, 33	0, 43
20	19, 69	1, 21	4, 63	0, 30
		0, 62		0, 16
4 0 10	20, 31		4, 79	
10	20, 30	0, 01	4, 81	0, 02
20	19, 67	0, 63	4, 68	0, 13
		1, 22		0, 27
5 0 11	18, 45		4, 41	
10	16, 67	1, 78	4, 00	0, 41
20	14, 38	2, 29	3, 47	0, 53

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″97 —		+ 7,″58 —	
10	— 1, 24 +	3,″21	8, 21	0,″63
20	4, 41	3, 17	8, 60	0, 39
		3, 03		0, 13
1 0 7	7, 44		8, 73	
10	10, 24	2, 80	8, 59	0, 14
20	12, 73	2, 49	8, 18	0, 41
		2, 11		0, 66
2 0 8	14, 84		7, 52	
10	16, 50	1, 66	6, 63	0, 89
20	17, 66	1, 16	5, 55	1, 08
		0, 62		1, 25
3 0 9	18, 28		4, 30	
10	18, 34	0, 06	2, 92	1, 38
20	17, 85	0, 49	+ 1, 44 —	1, 48
		1, 04		1, 52
4 0 10	16, 81		— 0, 08 +	
10	15, 26	1, 55	1, 58	1, 50
20	13, 25	2, 01	3, 04	1, 46
		2, 41		1, 38
5 0 11	10, 84		4, 42	
10	8, 10	2, 74	5, 67	1, 25
20	5, 11	2, 99	6, 75	1, 08

♆ Capricorni, ſub dextro genu. 5. 16

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	308° 33′ 17″	+ 53,″68	CAILLE 25°58′28″	— 12,″46
TOB. MAYER	308 33 32		T. MAY. 25 58 31	
DE ZACH	308 33 20		BARRY 25 58 45	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 12,″70 +		+ 0,″88 —	
10	9, 49	3,″21	— 0, 08 +	0,″96
20	5, 99	3, 50	1, 03	0, 95
1 0 7	— 2, 30 +	3, 69	1, 95	0, 92
10	+ 1, 47 —	3, 77	2, 82	0, 87
20	5, 19	3, 72	3, 60	0, 78
2 0 8	8, 74	3, 55	4, 27	0, 67
10	12, 02	3, 28	4, 81	0, 54
20	14, 93	2, 91	5, 22	0, 41
3 0 9	17, 40	2, 47	5, 46	0, 24
10	19, 35	1, 95	5, 52	0, 06
20	20, 70	1, 35	5, 41	0, 11
4 0 10	21, 41	0, 71	5, 15	0, 26
10	21, 48	0, 07	4, 75	0, 40
20	20, 91	0, 57	4, 18	0, 57
5 0 11	19, 71	1, 20	3, 49	0, 69
10	17, 90	1, 81	2, 69	0, 80
20	15, 54	2, 36	1, 61	1, 08

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″89 —		+ 7,″47 —	
10	— 0, 46 +	3,″35	8, 12	0,″65
20	3, 80	3, 34	8, 53	0, 41
1 0 7	7, 03	3, 23	8, 68	0, 15
10	10, 04	3, 01	8, 57	0, 11
20	12, 74	2, 70	8, 19	0, 38
2 0 8	15, 06	2, 32	7, 57	0, 62
10	16, 92	1, 86	6, 71	0, 86
20	18, 27	1, 35	5, 65	1, 06
3 0 9	19, 07	0, 80	4, 42	1, 23
10	19, 29	0, 22	3, 06	1, 36
20	18, 92	0, 37	1, 59	1, 47
4 0 10	17, 96	0, 96	+ 0, 09 —	1, 50
10	16, 45	1, 51	— 1, 41 +	1, 50
20	14, 46	1, 99	2, 87	1, 46
5 0 11	12, 03	2, 43	4, 25	1, 38
10	9, 24	2, 79	5, 51	1, 26
20	6, 15	3, 09	6, 59	1, 08

υ Capricorni, duarum in cervice auſtralior. 6. 15

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	307° 9′ 47″		CAILLE 18° 49′ 55″	
BRADLEY	307 9 40		BRADL. 18 49 56	
TOB. MAYER	307 9 47		T. MAY. 18 49 49	
DE ZACH	307 9 38		BARRY 18 49 54	
		+ 51,″49	L.LAND. 18 49 40	— 12,″07

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″65 +		+ 2,″83 —	
10	8, 57	3,″08	2, 11	0,″72
20	5, 23	3, 34	1, 33	0, 78
1 0 7	— 1, 73 +	3, 50	+ 0, 51 —	0, 82
10	+ 1, 83 —	3, 56	— 0, 33 +	0, 84
20	5, 33	3, 50	1, 16	0, 83
2 0 8	8, 67	3, 34	1, 96	0, 80
10	11, 75	3, 08	2, 70	0, 74
20	14, 46	2, 71	3, 35	0, 65
3 0 9	16, 72	2, 26	3, 90	0, 55
10	18, 48	1, 76	4, 33	0, 43
20	19, 69	1, 21	4, 63	0, 30
4 0 10	20, 31	0, 62	4, 79	0, 16
10	20, 30	0, 01	4, 81	0, 02
20	19, 67	0, 63	4, 68	0, 13
5 0 11	18, 45	1, 22	4, 41	0, 27
10	16, 67	1, 78	4, 00	0, 41
20	14, 38	2, 29	3, 47	0, 53

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″97 —		+ 7,″58 —	
10	— 1, 24 +	3,″21	8, 21	0,″63
20	4, 41	3, 17	8, 60	0, 39
1 0 7	7, 44	3, 03	8, 73	0, 13
10	10, 24	2, 80	8, 59	0, 14
20	12, 73	2, 49	8, 18	0, 41
2 0 8	14, 84	2, 11	7, 52	0, 66
10	16, 50	1, 66	6, 63	0, 89
20	17, 66	1, 16	5, 55	1, 08
3 0 9	18, 28	0, 62	4, 30	1, 25
10	18, 34	0, 06	2, 92	1, 38
20	17, 85	0, 49	+ 1, 44 —	1, 48
4 0 10	16, 81	1, 04	— 0, 08 +	1, 52
10	15, 26	1, 55	1, 58	1, 50
20	13, 25	2, 01	3, 04	1, 46
5 0 11	10, 84	2, 41	4, 42	1, 38
10	8, 10	2, 74	5, 67	1, 25
20	5, 11	2, 99	6, 75	1, 08

♑ Capricorni, ſub dextro genu. 5. 16

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	308° 33′ 17″	+ 53,″68	CAILLE 25°58′28″	— 12,″46
TOB. MAYER	308 33 32		T. MAY. 25 58 31	
DE ZACH	308 33 20		BARRY 25 58 45	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	— 12,″70 +		+ 0,″88 —	
10	9, 49	3,″21	— 0, 08 +	0,″96
20	5, 99	3, 50	1, 03	0, 95
♑ 1 0 7	— 2, 30 +	3, 69	1, 95	0, 92
10	+ 1, 47 —	3, 77	2, 82	0, 87
20	5, 19	3, 72	3, 60	0, 78
♑ 2 0 8	8, 74	3, 55	4, 27	0, 67
10	12, 02	3, 28	4, 81	0, 54
20	14, 93	2, 91	5, 22	0, 41
♑ 3 0 9	17, 40	2, 47	5, 46	0, 24
10	19, 35	1, 95	5, 52	0, 06
20	20, 70	1, 35	5, 41	0, 11
♑ 4 0 10	21, 41	0, 71	5, 15	0, 26
10	21, 48	0, 07	4, 75	0, 40
20	20, 91	0, 57	4, 18	0, 57
♑ 5 0 11	19, 71	1, 20	3, 49	0, 69
10	17, 90	1, 81	2, 69	0, 80
20	15, 54	2, 36	1, 61	1, 08

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	+ 2,″89 —		+ 7,″47 —	
10	— 0, 46 +	3,″35	8, 12	0,″65
20	3, 80	3, 34	8, 53	0, 41
♑ 1 0 7	7, 03	3, 23	8, 68	0, 15
10	10, 04	3, 01	8, 57	0, 11
20	12, 74	2, 70	8, 19	0, 38
♑ 2 0 8	15, 06	2, 32	7, 57	0, 62
10	16, 92	1, 86	6, 71	0, 86
20	18, 27	1, 35	5, 65	1, 06
♑ 3 0 9	19, 07	0, 80	4, 42	1, 23
10	19, 29	0, 22	3, 06	1, 36
20	18, 92	0, 37	1, 59	1, 47
♑ 4 0 10	17, 96	0, 96	+ 0, 09 —	1, 50
10	16, 45	1, 51	— 1, 41 +	1, 50
20	14, 46	1, 99	2, 87	1, 46
♑ 5 0 11	12, 03	2, 43	4, 25	1, 38
10	9, 24	2, 79	5, 51	1, 26
20	6, 15	3, 09	6, 59	1, 08

ω Capricorni, in finiſtro flexo genu. 6 18

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
TOB. MAYER	309° 57′ 55″	+ 54,″10	CAILLE 27°39′18″	— 12,″84
DE ZACH	309 57 46		BARRY 27 39 18	
			L.LAND. 27 39 1	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 13,″31 +		+ 0,″53 —	
10	10, 12	3,″19	— 0, 50 +	1,″03
20	6, 60	3, 52	1, 54	1, 04
1 0 7	— 2, 88 +	3, 72	2, 52	0, 98
10	+ 0, 93 —	3, 81	3, 41	0, 89
20	4, 70	3, 77	4, 20	0, 79
2 0 8	8, 33	3, 63	4, 88	0, 68
10	11, 71	3, 38	5, 41	0, 53
20	14, 73	3, 02	5, 76	0, 35
3 0 9	17, 30	2, 57	5, 94	0, 18
10	19, 34	2, 04	5, 95	0, 01
20	20, 80	1, 46	5, 78	0, 17
4 0 10	21, 63	0, 83	5, 43	0, 35
10	21, 80	0, 17	4, 91	0, 52
20	21, 32	0, 48	4, 25	0, 66
5 0 11	20, 19	1, 13	3, 44	0, 81
10	18, 43	1, 76	2, 53	0, 91
20	16, 11	2, 32	1, 56	0, 97

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″21 —		+ 7,″31 —	
10	— 0, 18 +	3,″39	7, 99	0,″68
20	3, 56	3, 38	8, 43	0, 44
1 0 7	6, 83	3, 27	8, 61	0, 18
10	9, 89	3, 06	8, 53	0, 08
20	12, 64	2, 75	8, 19	0, 34
2 0 8	15, 02	2, 38	7, 61	0, 58
10	16, 95	1, 93	6, 79	0, 82
20	18, 35	1, 40	5, 76	1, 03
3 0 9	19, 20	0, 85	4, 57	1, 20
10	19, 47	0, 27	3, 23	1, 34
20	19, 15	0, 32	1, 78	1, 44
4 0 10	18, 24	0, 91	+ 0, 29 —	1, 49
10	16, 77	1, 47	— 1, 20 +	1, 49
20	14, 80	1, 97	2, 66	1, 46
5 0 11	12, 38	2, 42	4, 04	1, 38
10	9, 59	2, 79	5, 31	1, 27
20	6, 50	3, 09	6, 41	1, 10

19. Capricorni. 6. 19

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	310° 52′ 20″	+ 51,″17	CAILLE 18°40′21″	— 13,″08
BRADLEY	310 52 18		BRADL. 18 40 16	
TOB. MAYER	310 52 16		T. MAY. 18 40 13	
DE ZACH	310 52 4		BARRY 18 40 25	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
☌ 0 0 6	— 12,″69 +		+ 3,″13 —	
10	9, 72	2,″97	2, 34	0,″79
20	6, 46	3, 26	1, 49	0, 85
1 0 7	— 3, 01 +	3, 45	+ 0, 61 —	0, 88
10	+ 0, 53 —	3, 54	— 0, 30 +	0, 91
20	4, 06	3, 53	1, 20	0, 90
2 0 8	7, 47	3, 41	2, 06	0, 86
10	10, 66	3, 19	2, 87	0, 81
20	13, 52	2, 86	3, 60	0, 73
3 0 9	15, 96	2, 44	4, 21	0, 61
10	17, 92	1, 96	4, 67	0, 46
20	19, 34	1, 42	5, 00	0, 33
4 0 10	20, 17	0, 83	5, 19	0, 19
10	20, 38	0, 21	5, 21	0, 02
20	19, 97	0, 41	5, 07	0, 14
5 0 11	18, 95	1, 02	4, 79	0, 28
10	17, 37	1, 58	4, 36	0, 43
20	15, 26	2, 11	3, 79	0, 57

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☌ 0 0 6	+ 2,″10 —		+ 7,″20 —	
10	— 1, 08 +	3,″18	7, 90	0,″70
20	4, 24	3, 16	8, 36	0, 46
1 0 7	7, 26	3, 02	8, 56	0, 20
10	10, 06	2, 80	8, 50	0, 06
20	12, 55	2, 49	8, 19	0, 31
2 0 8	14, 66	2, 11	7, 63	0, 56
10	16, 34	1, 68	6, 83	0, 80
20	17, 52	1, 18	5, 83	1, 00
3 0 9	18, 17	0, 65	4, 65	1, 18
10	18, 26	0, 09	3, 32	1, 33
20	17, 79	0, 47	1, 89	1, 43
4 0 10	16, 78	1, 01	+ 0, 41 —	1, 48
10	15, 26	1, 52	— 1, 07 +	1, 48
20	13, 28	1, 98	2, 52	1, 45
5 0 11	10, 91	2, 37	3, 90	1, 38
10	8, 21	2, 70	5, 18	1, 28
20	5, 24	2, 97	6, 30	1, 12

η Capricorni, trium in medio corpore borea. 5. 22

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	313° 15′ 7″	+	CAILLE 20° 38′ 7″	—
BRADLEY	313 15 6	51,″54	BRADL. 20 38 8	13,″70
TOB. MAYER	313 15 8		T. MAY. 20 38 2	
DE ZACH	313 14 55		BARRY 20 38 11	
			L.LAND. 20 37 49	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 13,″42 +		+ 2,″76 —	
10	10, 50	2,″92	1, 88	0,″88
20	7, 27	3, 23	+ 0, 94 —	0, 94
1 0 7	3, 83	3, 44	— 0, 03 +	0, 97
10	— 0, 27 +	3, 56	0, 99	0, 96
20	+ 3, 30 —	3, 57	1, 93	0, 94
2 0 8	6, 77	3, 47	2, 80	0, 87
10	10, 04	3, 27	3, 58	0, 78
20	13, 01	2, 97	4, 26	0, 68
3 0 9	15, 58	2, 57	4, 83	0, 57
10	17, 68	2, 10	5, 25	0, 42
20	19, 25	1, 57	5, 49	0, 24
4 0 10	20, 22	0, 97	5, 56	0, 07
10	20, 56	0, 34	5, 46	0, 10
20	20, 28	0, 28	5, 21	0, 25
5 0 11	19, 39	0, 89	4, 81	0, 40
10	17, 92	1, 47	4, 25	0, 56
20	15, 91	2, 01	3, 55	0, 70

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″45 —		+ 6,″95 —	
10	— 0, 76 +	3,″21	7, 69	0,″74
20	3, 94	3, 18	8, 20	0, 51
1 0 7	7, 01	3, 07	8, 46	0, 26
10	9, 88	2, 87	8, 46	0, 00
20	12, 44	2, 56	8, 20	0, 26
2 0 8	14, 62	2, 18	7, 69	0, 51
10	16, 35	1, 73	6, 95	0, 74
20	17, 59	1, 24	6, 00	0, 95
3 0 9	18, 30	0, 71	4, 87	1, 13
10	18, 45	0, 15	3, 58	1, 29
20	18, 04	0, 41	2, 18	1, 40
4 0 10	17, 07	0, 97	+ 0, 72 —	1, 46
10	15, 59	1, 48	— 0, 74 +	1, 46
20	13, 65	1, 94	2, 19	1, 45
5 0 11	11, 29	2, 36	3, 58	1, 39
10	8, 58	2, 71	4, 87	1, 29
20	5, 60	2, 98	6, 01	1, 14

θ Capricorni, duarum in dorso praecedens. 5. 23

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	313° 40′ 18″		CAILLE 18° 1′ 4″	
BRADLEY	313 40 18		BRADL. 18 1 2	
TOB. MAYER	313 40 18		T. MAY. 18 0 59	
DE LAMBRE	313 40 11		BARRY 18 0 58	
DE ZACH	313 40 14		L.LAND. 18 0 50	
	313 40 18	+ 50,″76	18 1 2	13,″81

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 13,″33 +		+ 3,″48 —	
10	10, 49	2,″84	2, 68	0,″80
20	7, 32	3, 17	1, 80	0, 88
1 0 7	3, 93	3, 39	+ 0, 88 —	0, 92
10	— 0, 44 +	3, 49	— 0, 08 +	0, 96
20	+ 3, 07 —	3, 51	1, 04	0, 96
2 0 8	6, 49	3, 42	1, 95	0, 91
10	9, 72	3, 23	2, 81	0, 86
20	12, 65	2, 93	3, 60	0, 79
3 0 9	15, 20	2, 55	4, 27	0, 67
10	17, 29	2, 09	4, 80	0, 53
20	18, 85	1, 56	5, 20	0, 40
4 0 10	19, 83	0, 98	5, 44	0, 24
10	20, 22	0, 39	5, 51	0, 07
20	19, 99	0, 23	5, 42	0, 09
5 0 11	19, 14	0, 85	5, 16	0, 26
10	17, 72	1, 42	4, 73	0, 43
20	15, 76	1, 96	4, 16	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″14 —		+ 6,″90 —	
10	— 1, 02 +	3,″16	7, 65	0,″75
20	4, 15	3, 13	8, 17	0, 52
1 0 7	7, 16	3, 01	8, 44	0, 27
10	9, 95	2, 79	8, 45	0, 01
20	12, 43	2, 48	8, 20	0, 25
2 0 8	14, 54	2, 11	7, 70	0, 50
10	16, 21	1, 67	6, 98	0, 72
20	17, 38	1, 17	6, 04	0, 94
3 0 9	18, 02	0, 64	4, 92	1, 12
10	18, 11	0, 09	3, 64	1, 28
20	17, 66	0, 45	2, 25	1, 39
4 0 10	16, 68	0, 98	+ 0, 79 —	1, 46
10	15, 18	1, 50	— 0, 67 +	1, 46
20	13, 21	1, 97	2, 12	1, 45
5 0 11	10, 85	2, 36	3, 51	1, 39
10	8, 17	2, 68	4, 80	1, 29
20	5, 24	2, 93	5, 94	1, 14

A Capricorni. 6. 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	313° 51′ 4″	+ 53,″03	CAILLE 25° 47′ 46″	— 13,″85
TOB. MAYER	313 51 10		T. MAY. 25 47 36	
DE ZACH	313 50 58		BARRY 25 47 42	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″12 +		+ 1,″42 —	
10	11, 10	3,″02	0, 35	1,″07
20	7, 76	3, 34	— 0, 73 +	1, 08
1 0 7	4, 19	3, 57	1, 79	1, 06
10	— 0, 50 +	3, 69	2, 79	1, 00
20	+ 3, 21 —	3, 71	3, 70	0, 91
2 0 8	6, 83	3, 62	4, 51	0, 81
10	10, 24	3, 41	5, 17	0, 66
20	13, 34	3, 10	5, 68	0, 51
3 0 9	16, 04	2, 70	6, 02	0, 34
10	18, 25	2, 21	6, 17	0, 15
20	19, 90	1, 65	6, 14	0, 03
4 0 10	20, 94	1, 04	5, 92	0, 22
10	21, 34	0, 40	5, 52	0, 40
20	21, 10	0, 24	4, 96	0, 56
5 0 11	20, 22	0, 88	4, 24	0, 72
10	18, 74	1, 48	3, 39	0, 85
20	16, 68	2, 06	2, 44	0, 95

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″22 —		+ 6,″89 —	
10	— 0, 12 +	3,″34	7, 60	0,″81
20	3, 44	3, 32	8, 14	0, 54
1 0 7	6, 65	3, 21	8, 42	0, 28
10	9, 66	3, 01	8, 43	0, 01
20	12, 37	2, 71	8, 18	0, 25
2 0 8	14, 71	2, 34	7, 69	0, 49
10	16, 60	1, 89	6, 97	0, 72
20	17, 99	1, 39	6, 03	0, 94
3 0 9	18, 83	0, 84	4, 91	1, 12
10	19, 10	0, 27	3, 64	1, 27
20	18, 78	0, 32	2, 26	1, 38
4 0 10	17, 88	0, 90	+ 0, 81 —	1, 45
10	16, 46	1, 42	— 0, 65 +	1, 46
20	14, 54	1, 92	2, 10	1, 45
5 0 11	12, 17	2, 37	3, 49	1, 39
10	9, 44	2, 73	4, 78	1, 29
20	6, 41	3, 03	5, 92	1, 14

1 ad χ Capricorni, trium in medio corpore auſtrina. 6. 25

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	314° 16′ 16″	+ 51,″84	CAILLE 21° 59′ 13″	— 13,″97
BRADLEY	314 16 14		BRADL. 21 59 19	
TOB. MAYER	314 16 19		T. MAY. 21 59 7	
DE ZACH	314 16 7		BARRY 21 59 12	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 13,″79 +		+ 2,″49 —	
10	10, 90	2,″89	1, 54	0,″95
20	7, 67	3, 23	+ 0, 55 —	0, 99
1 0 7	4, 21	3, 46	— 0, 47 +	1, 02
10	— 0, 63 +	3, 58	1, 46	0, 99
20	+ 2, 97 —	3, 60	2, 41	0, 95
2 0 8	6, 48	3, 51	3, 28	0, 87
10	9, 80	3, 32	4, 05	0, 77
20	12, 82	3, 02	4, 70	0, 65
3 0 9	15, 46	2, 64	5, 21	0, 51
10	17, 62	2, 16	5, 57	0, 36
20	19, 24	1, 62	5, 76	0, 19
4 0 10	20, 28	1, 04	5, 77	0, 01
10	20, 71	0, 43	5, 60	0, 17
20	20, 51	0, 20	5, 26	0, 34
5 0 11	19, 67	0, 84	4, 77	0, 49
10	18, 23	1, 44	4, 13	0, 64
20	16, 25	1, 98	3, 36	0, 77

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″55 —		+ 6,″83 —	
10	— 0, 66 +	3,″21	7, 59	0,″76
20	3, 86	3, 20	8, 11	0, 52
1 0 7	6, 94	3, 08	8, 40	0, 29
10	9, 81	2, 87	8, 43	0, 03
20	12, 37	2, 56	8, 19	0, 24
2 0 8	14, 57	2, 20	7, 70	0, 49
10	16, 33	1, 76	6, 99	0, 71
20	17, 58	1, 25	6, 07	0, 92
3 0 9	18, 30	0, 72	4, 96	1, 11
10	18, 46	0, 16	3, 69	1, 27
20	18, 07	0, 39	2, 30	1, 39
4 0 10	17, 12	0, 95	+ 0, 85 —	1, 45
10	15, 66	1, 46	— 0, 60 +	1, 45
20	13, 72	1, 94	2, 04	1, 44
5 0 11	11, 36	2, 36	3, 43	1, 39
10	8, 66	2, 70	4, 72	1, 29
20	5, 69	2, 97	5, 87	1, 15

♑ Capricorni, trium in medio corpore sequens. 6. 28

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	316° 3′ 26″	+ 51,″52	CAILLE 21° 28′ 21″	— 14,″40
BRADLEY	316 3 29		BRADL. 21 28 24	
TOB. MAYER	316 3 29		T. MAY. 21 28 16	
DE ZACH	316 3 18		BARRY 21 28 21	
			L.LAND. 21 28 29	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″17 +		+ 2,″76 —	
10	11, 37	2,″80	1, 81	0,″95
20	8, 22	3, 15	+ 0, 79 —	1, 02
1 0 7	4, 81	3, 41	— 0, 25 +	1, 04
10	— 1, 26 +	3, 55	1, 27	1, 02
20	+ 2, 32 —	3, 58	2, 25	0, 98
2 0 8	5, 83	3, 51	3, 17	0, 92
10	9, 18	3, 35	4, 00	0, 83
20	12, 25	3, 07	4, 70	0, 70
3 0 9	14, 93	2, 68	5, 26	0, 56
10	17, 16	2, 23	5, 66	0, 40
20	18, 87	1, 71	5, 89	0, 23
4 0 10	20, 02	1, 15	5, 94	0, 05
10	20, 56	0, 54	5, 80	0, 14
20	20, 46	0, 10	5, 49	0, 31
5 0 11	19, 74	0, 72	5, 02	0, 47
10	18, 43	1, 31	4, 40	0, 62
20	16, 55	1, 88	3, 64	0, 76

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″69 —		+ 6,″62 —	
10	— 0, 52 +	3,″21	7, 41	0,″79
20	3, 72	3, 20	7, 98	0, 57
1 0 7	6, 81	3, 09	8, 30	0, 32
10	9, 70	2, 89	8, 36	0, 06
20	12, 28	2, 58	8, 17	0, 19
2 0 8	14, 49	2, 21	7, 73	0, 44
10	16, 26	1, 77	7, 06	0, 67
20	17, 54	1, 28	6, 18	0, 88
3 0 9	18, 29	0, 75	5, 11	1, 07
10	18, 48	0, 19	3, 88	1, 23
20	18, 11	0, 37	2, 53	1, 35
4 0 10	17, 17	0, 94	+ 1, 11 —	1, 42
10	15, 72	1, 45	— 0, 35 +	1, 46
20	13, 81	1, 91	1, 79	1, 44
5 0 11	11, 48	2, 33	3, 18	1, 39
10	8, 78	2, 70	4, 48	1, 30
20	5, 83	2, 95	5, 64	1, 16

30 Capricorni. 6. 30

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
TOB. MAYER	316° 40′ 50″	+ 50,″73	T. MAY. 18°48′46″	— 14,″55
DE ZACH	316 40 41		BARRY 18 48 46	
			L. LAND. 18 48 35	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″10 +		+ 3,″45 —	
10	11, 37	2,″73	2, 59	0,″86
20	8, 30	3, 07	1, 65	0, 94
1 0 7	4, 98	3, 32	+ 0, 66 —	0, 99
10	— 1, 50 +	3, 48	— 0, 36 +	1, 02
20	+ 2, 03 —	3, 53	1, 37	1, 01
2 0 8	5, 50	3, 47	2, 34	0, 97
10	8, 79	3, 29	3, 23	0, 89
20	11, 81	3, 02	4, 02	0, 79
3 0 9	14, 49	2, 67	4, 69	0, 67
10	16, 72	2, 23	5, 22	0, 53
20	18, 44	1, 72	5, 58	0, 36
4 0 10	19, 60	1, 16	5, 78	0, 20
10	20, 17	0, 57	5, 81	0, 03
20	20, 13	0, 04	5, 66	0, 15
5 0 11	19, 47	0, 66	5, 33	0, 33
10	18, 21	1, 26	4, 84	0, 49
20	16, 40	1, 81	4, 21	0, 63

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″36 —		+ 6,″55 —	
10	— 0, 80 +	3,″16	7, 35	0,″80
20	3, 93	3, 13	7, 93	0, 58
1 0 7	6, 95	3, 02	8, 26	0, 33
10	9, 76	2, 81	8, 35	0, 09
20	12, 27	2, 51	8, 18	0, 17
2 0 8	14, 40	2, 13	7, 76	0, 42
10	16, 10	1, 70	7, 11	0, 65
20	17, 32	1, 22	6, 24	0, 87
3 0 9	18, 01	0, 69	5, 18	1, 06
10	18, 15	0, 14	3, 96	1, 22
20	17, 74	0, 41	2, 62	1, 34
4 0 10	16, 78	0, 96	+ 1, 21 —	1, 41
10	15, 31	1, 47	— 0, 25 +	1, 46
20	13, 39	1, 92	1, 69	1, 44
5 0 11	11, 07	2, 32	3, 07	1, 38
10	8, 40	2, 67	4, 38	1, 31
20	5, 46	2, 94	5, 56	1, 18

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Ault.	Var. ann. Decl. med.
DE LA CAILLE	317° 46′ 22″	+ 50,″34	CAILLE 17°40′39″	— 14,″80
BRADLEY	317 46 24		BRADL. 17 40 35	
TOB. MAYER	317 46 28		T. MAY. 17 40 33	
DE ZACH	317 46 18		BARRY 17 40 36	
			L.LAND. 17 40 35	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″26 +		+ 3,″86 —	
10	11, 60	2,″66	3, 01	0,″85
20	8, 59	3, 01	2, 08	0, 93
		3, 27		0, 98
1 0 7	5, 32		1, 10	
10	— 1, 88 +	3, 44	+ 0, 07 —	1, 03
20	+ 1, 62 —	3, 50	— 0, 96 +	1, 03
		3, 46		0, 99
2 0 8	5, 08		1, 95	
10	8, 38	3, 30	2, 89	0, 94
20	11, 41	3, 03	3, 75	0, 86
		2, 69		0, 74
3 0 9	14, 10		4, 49	
10	16, 36	2, 26	5, 10	0, 61
20	18, 12	1, 76	5, 55	0, 45
		1, 21		0, 28
4 0 10	19, 33		5, 83	
10	19, 96	0, 63	5, 92	0, 09
20	19, 99	0, 03	5, 84	0, 08
		0, 58		0, 23
5 0 11	19, 41		5, 61	
10	18, 23	1, 18	5, 22	0, 39
20	16, 49	1, 74	4, 64	0, 58

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″25 —		+ 6,″42 —	
10	— 0, 89 +	3,″14	7, 24	0,″82
20	4, 00	3, 11	7, 84	0, 60
		2, 98		0, 36
1 0 7	6, 98		8, 20	
10	9, 75	2, 77	8, 31	0, 11
20	12, 23	2, 48	8, 16	0, 15
		2, 11		0, 40
2 0 8	14, 34		7, 76	
10	16, 03	1, 69	7, 14	0, 62
20	17, 23	1, 20	6, 30	0, 84
		0, 65		1, 03
3 0 9	17, 88		5, 27	
10	17, 99	0, 11	4, 08	1, 19
20	17, 57	0, 42	2, 75	1, 33
		0, 97		1, 40
4 0 10	16, 60		+ 1, 35 —	
10	15, 13	1, 47	— 0, 09 +	1, 44
20	13, 20	1, 93	1, 52	1, 43
		2, 32		1, 40
5 0 11	10, 88		2, 92	
10	8, 23	2, 65	4, 23	1, 31
20	5, 32	2, 91	5, 41	1, 18

ζ Capricorni, duarum contig. ſub ventre praecedens. 5. 34

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	318° 48′ 14″	+ 51,″73	CAILLE 23°16′20″	— 15,″05
BRADLEY	318 48 12		BRADL. 23 16 8	
TOB. MAYER	318 48 29		T. MAY. 23 15 50	
DE ZACH	318 48 15		BARRY 23 16 7	
			L.LAND. 23 15 55	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″03 +		+ 2,″57 —	
10	12, 31	2,″72	1, 49	1,″08
20	9, 22	3, 09	+ 0, 37 —	1, 12
1 0 7	5, 84	3, 38	— 0, 76 +	1, 13
10	— 2, 29 +	3, 55	1, 86	1, 10
20	+ 1, 33 —	3, 62	2, 90	1, 04
2 0 8	4, 91	3, 58	3, 86	0, 96
10	8, 34	3, 43	4, 71	0, 85
20	11, 51	3, 17	5, 41	0, 70
3 0 9	14, 34	2, 83	5, 94	0, 53
10	16, 74	2, 40	6, 29	0, 35
20	18, 62	1, 88	6, 45	0, 16
4 0 10	19, 93	1, 31	6, 42	0, 03
10	20, 65	0, 72	6, 19	0, 23
20	20, 73	0, 08	5, 77	0, 42
5 0 11	20, 18	0, 55	5, 18	0, 59
10	19, 02	1, 16	4, 44	0, 74
20	17, 29	1, 73	3, 56	0, 88

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″08 —		+ 6,″30 —	
10	— 0, 15 +	3,″23	7, 11	0,″81
20	3, 38	3, 23	7, 76	0, 65
1 0 7	6, 51	3, 13	8, 15	0, 39
10	9, 44	2, 93	8, 28	0, 13
20	12, 08	2, 64	8, 15	0, 13
2 0 8	14, 35	2, 27	7, 77	0, 38
10	16, 19	1, 84	7, 17	0, 60
20	17, 55	1, 36	6, 36	0, 81
3 0 9	18, 36	0, 81	5, 35	1, 01
10	18, 61	0, 25	4, 17	1, 18
20	18, 31	0, 30	2, 87	1, 30
4 0 10	17, 45	0, 86	1, 48	1, 39
10	16, 05	1, 40	+ 0, 05 —	1, 43
20	14, 16	1, 89	— 1, 38 +	1, 43
5 0 11	11, 85	2, 31	2, 77	1, 39
10	9, 18	2, 67	4, 09	1, 32
20	6, 23	2, 95	5, 28	1, 19

b Capricorni, duarum ſub ventre ſequens. 6. 36

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	319° 19′ 24″	+ 51,″50	CAILLE 22°39′56″	— 15,″17
BRADLEY	319 19 24		BRADL. 22 40 10	
TOB. MAYER	319 19 26		T. MAY. 22 40 4	
DE ZACH	319 19 19		BARRY 22 40 9	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″08 +		+ 2,″78 —	
10	12, 40	2,″68	1, 69	1,″05
20	9, 34	3, 06	+ 0, 60 —	1, 11
1 0 7	5, 99	3, 35	— 0, 53 +	1, 13
10	— 2, 46 +	3, 53	1, 64	1, 11
20	+ 1, 14 —	3, 60	2, 70	1, 06
2 0 8	4, 70	3, 56	3, 68	0, 98
10	8, 12	3, 42	4, 55	0, 87
20	11, 30	3, 18	5, 28	0, 73
3 0 9	14, 14	2, 84	5, 84	0, 56
10	16, 54	2, 40	6, 22	0, 38
20	18, 44	1, 90	6, 42	0, 20
4 0 10	19, 78	1, 34	6, 43	0, 01
10	20, 52	0, 74	6, 24	0, 19
20	20, 64	0, 12	5, 86	0, 38
5 0 11	20, 13	0, 51	5, 30	0, 56
10	19, 00	1, 13	4, 58	0, 72
20	17, 30	1, 70	3, 72	0, 86

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″02 —		+ 6,″23 —	
10	— 0, 20 +	3,″22	7, 05	0,″82
20	3, 41	3, 21	7, 70	0, 65
1 0 7	6, 52	3, 11	8, 09	0, 39
10	9, 43	2, 91	8, 23	0, 14
20	12, 05	2, 62	8, 12	0, 11
2 0 8	14, 32	2, 27	7, 76	0, 36
10	16, 15	1, 83	7, 18	0, 58
20	17, 48	1, 33	6, 38	0, 80
3 0 9	18, 28	0, 80	5, 38	1, 00
10	18, 53	0, 25	4, 22	1, 16
20	18, 22	0, 31	2, 93	1, 29
4 0 10	17, 35	0, 87	1, 55	1, 38
10	15, 94	1, 41	+ 0, 13 —	1, 42
20	14, 06	1, 88	— 1, 30 +	1, 43
5 0 11	11, 76	2, 30	2, 70	1, 40
10	9, 10	2, 66	4, 01	1, 31
20	6, 15	2, 95	5, 18	1, 17

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	321° 27′ 58″		CAILLE 20° 21′ 19″	
BRADLEY	321 28 0		BRADL. 20 21 14	
TOB. MAYER	321 28 4		T. MAY. 20 21 7	
DE ZACH	321 27 47	+ 50,″68	BARRY 20 21 15	— 15,″65
			L.LAND. 20 21 0	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″30 +		+ 3,″49 —	
10	12, 74	2,″56	2, 50	0,″99
20	9, 81	2, 93	1, 43	1, 07
1 0 7	6, 62	3, 19	+ 0, 31 —	1, 12
10	— 3, 20 +	3, 42	— 0, 82 +	1, 13
20	+ 0, 32 —	3, 52	1, 92	1, 10
2 0 8	3, 83	3, 51	2, 96	1, 04
10	7, 23	3, 40	3, 91	0, 95
20	10, 41	3, 18	4, 74	0, 83
3 0 9	13, 27	2, 86	5, 43	0, 69
10	15, 73	2, 46	5, 96	0, 53
20	17, 71	1, 98	6, 31	0, 35
4 0 10	19, 15	1, 44	6, 46	0, 15
10	20, 00	0, 85	6, 41	0, 05
20	20, 25	0, 25	6, 17	0, 24
5 0 11	19, 89	0, 36	5, 75	0, 42
10	18, 91	0, 98	5, 15	0, 60
20	17, 37	1, 54	4, 39	0, 76

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″77 —		+ 5,″94 —	
10	— 0, 39 +	3,″16	6, 80	0,″86
20	3, 55	3, 16	7, 47	0, 67
1 0 7	6, 60	3, 05	7, 92	0, 45
10	9, 44	2, 84	8, 12	0, 20
20	12, 00	2, 56	8, 07	0, 05
2 0 8	14, 19	2, 19	7, 77	0, 30
10	15, 96	1, 77	7, 25	0, 52
20	17, 24	1, 28	6, 52	0, 73
3 0 9	17, 99	0, 75	5, 57	0, 95
10	18, 19	0, 20	4, 44	1, 13
20	17, 85	0, 34	3, 18	1, 26
4 0 10	16, 97	0, 88	1, 85	1, 35
10	15, 57	1, 40	+ 0, 45 —	1, 40
20	13, 69	1, 88	— 0, 97 +	1, 42
5 0 11	11, 39	2, 30	2, 37	1, 40
10	8, 75	2, 64	3, 66	1, 31
20	5, 85	2, 90	4, 86	1, 20

γ Capricorni, duarum in eductione caudae praecedens. 4. 40

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	322° 14′ 36″		CAILLE 17° 33′ 32″	
BRADLEY	322 14 46		BRADL. 17 33 28	
TOB. MAYER	322 14 49		T. MAY. 17 33 22	
DE LAMBRE	322 14 50	+	BARRY 17 33 26	—
DE ZACH	322 14 46	49,″93	L.LAND. 17 33 17	15,″82

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″20 +		+ 4,″21 —	
10	12, 73	2,″47	3, 33	0,″88
20	9, 88	2, 85	2, 33	1, 00
1 0 7	6, 74	3, 14	1, 26	1, 07
10	— 3, 39 +	3, 35	+ 0, 16 —	1, 10
20	+ 0, 07 —	3, 46	— 0, 94 +	1, 10
2 0 8	3, 53	3, 46	2, 01	1, 07
10	6, 88	3, 35	3, 02	1, 01
20	10, 02	3, 14	3, 95	0, 93
3 0 9	12, 85	2, 83	4, 76	0, 81
10	15, 29	2, 44	5, 42	0, 66
20	17, 28	1, 99	5, 92	0, 50
4 0 10	18, 69	1, 51	6, 24	0, 32
10	19, 60	0, 91	6, 36	0, 12
20	19, 90	0, 30	6, 29	0, 07
5 0 11	19, 58	0, 32	6, 03	0, 26
10	18, 68	0, 90	5, 59	0, 44
20	17, 20	1, 48	4, 98	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″39 —		+ 5,″85 —	
10	— 0, 73 +	3,″12	6, 73	0,″88
20	3, 82	3, 09	7, 41	0, 68
1 0 7	6, 79	2, 97	7, 87	0, 46
10	9, 56	2, 77	8, 09	0, 22
20	12, 04	2, 48	8, 06	0, 03
2 0 8	14, 15	2, 11	7, 78	0, 28
10	15, 84	1, 69	7, 28	0, 50
20	17, 04	1, 20	6, 55	0, 73
3 0 9	17, 72	0, 68	5, 61	0, 94
10	17, 87	0, 15	4, 51	1, 10
20	17, 47	0, 40	3, 27	1, 24
4 0 10	16, 54	0, 93	1, 93	1, 34
10	15, 11	1, 43	+ 0, 54 —	1, 39
20	13, 22	1, 89	— 0, 87 +	1, 41
5 0 11	10, 93	2, 29	2, 26	1, 39
10	8, 31	2, 62	3, 57	1, 31
20	5, 43	2, 88	4, 78	1, 21

41 Capricorni. 6. 41

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	322° 38′ 49″	+ 51.″51	FLAMST 24° 8′ 51″	— 15.″91
DE ZACH	322 38 51		BARRY 24 9 34	
			L.LAND. 24 9 23	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15.″97 +		+ 2.″70 —	
10	13, 41	2.″56	1, 54	1.″16
20	10, 45	2, 96	+ 0, 33 —	1, 21
1 0 7	7, 18	3, 27	— 0, 90 +	1, 23
10	3, 69	3, 49	2, 11	1, 21
20	— 0, 08 +	3, 61	3, 25	1, 14
2 0 8	+ 3, 54 —	3, 62	4, 28	1, 03
10	7, 05	3, 51	5, 18	0, 90
20	10, 34	3, 29	5, 92	0, 74
3 0 9	13, 31	2, 97	6, 48	0, 56
10	15, 88	2, 57	6, 85	0, 37
20	17, 97	2, 09	7, 01	0, 16
4 0 10	19, 51	1, 54	6, 96	0, 05
10	20, 45	0, 94	6, 70	0, 26
20	20, 79	0, 34	6, 23	0, 47
5 0 11	20, 49	0, 30	5, 58	0, 65
10	19, 56	0, 93	4, 77	0, 81
20	18, 03	1, 53	3, 80	0, 97

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3.″40 —		+ 5.″79 —	
10	0, 17	3.″23	6, 68	0.″89
20	— 3, 06 +	3, 23	7, 37	0, 69
1 0 7	6, 20	3, 14	7, 83	0, 46
10	9, 15	2, 95	8, 05	0, 22
20	11, 82	2, 67	8, 03	0, 02
2 0 8	14, 13	2, 31	7, 77	0, 26
10	16, 02	1, 89	7, 28	0, 49
20	17, 42	1, 40	6, 57	0, 71
3 0 9	18, 28	0, 86	5, 64	0, 93
10	18, 59	0, 31	4, 54	1, 10
20	18, 34	0, 25	3, 31	1, 23
4 0 10	17, 53	0, 81	1, 98	1, 33
10	16, 18	1, 35	+ 0, 59 —	1, 39
20	14, 35	1, 83	— 0, 81 +	1, 40
5 0 11	12, 08	2, 27	2, 19	1, 38
10	9, 45	2, 63	3, 51	1, 32
20	6, 52	2, 93	4, 72	1, 21

I ad *d* Capricorni, de quatuor in borea parte caudae. 6.

42

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	322° 40′ 1″	+ 49,″29	CAILLE 14° 55′ 47″	— 15,″91
TOB. MAYER	322 40 0		T. MAY. 14 55 36	
DE ZACH	322 39 47		BARRY 14 55 50	
			L.LAND. 14 55 34	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″10 +		+ 4,″80 —	
10	12, 69	2,″41	4, 03	0,″77
20	9, 90	2, 79	3, 13	0, 90
1 0 7	6, 81	3, 09	2, 13	1, 00
10	3, 51	3, 30	+ 1, 05 —	1, 08
20	— 0, 10 +	3, 41	— 0, 06 +	1, 11
2 0 8	+ 3, 31 —	3, 41	1, 16	1, 10
10	6, 62	3, 31	2, 21	1, 05
20	9, 73	3, 11	3, 19	0, 98
3 0 9	12, 54	2, 81	4, 08	0, 89
10	14, 97	2, 43	4, 86	0, 78
20	16, 94	1, 97	5, 50	0, 64
4 0 10	18, 40	1, 46	5, 95	0, 45
10	19, 30	0, 90	6, 21	0, 26
20	19, 62	0, 32	6, 30	0, 09
5 0 11	19, 35	0, 27	6, 21	0, 09
10	18, 48	0, 87	5, 93	0, 28
20	17, 05	1, 43	5, 47	0, 46

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″02 —		+ 5,″78 —	
10	— 1, 04 +	3,″06	6, 68	0,″90
20	4, 08	3, 04	7, 37	0, 69
1 0 7	7, 00	2, 92	7, 83	0, 46
10	9, 70	2, 70	8, 05	0, 22
20	12, 10	2, 40	8, 03	0, 02
2 0 8	14, 14	2, 04	7, 78	0, 25
10	15, 75	1, 61	7, 29	0, 49
20	16, 88	1, 13	6, 58	0, 71
3 0 9	17, 50	0, 62	5, 65	0, 93
10	17, 58	0, 08	4, 56	1, 09
20	17, 13	0, 45	3, 33	1, 23
4 0 10	16, 16	0, 97	2, 00	1, 33
10	14, 70	1, 46	+ 0, 61 —	1, 39
20	12, 79	1, 91	— 0, 80 +	1, 41
5 0 11	10, 49	2, 30	2, 18	1, 38
10	7, 89	2, 60	3, 50	1, 32
20	5, 04	2, 85	4, 71	1, 21

ϰ Capricorni, duarum in auſtrina pinnâ ſequens. 5. 43

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	322°. 52′ 1″		CAILLE 19°46′50″	
BRADLEY	322 52 0		BRADL. 19 46 13	
TOB. MAYER	322 52 2		T. MAY. 19 46 7	
DE ZACH	322 51 54	+ 50,″40	BARRY 19 46 12	— 15,″95
			L.LAND. 19 45 56	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″55 +		+ 3,″76 —	
10	13, 09	2,″46	2, 76	1,″00
20	10, 23	2, 86	1, 68	1, 08
		3, 17		1, 12
1 0 7	7, 06		+ 0, 56 —	
10	3, 68	3, 38	— 0, 59 +	1, 15
20	— 0, 18 +	3, 50	1, 73	1, 14
		3, 51		1, 07
2 0 8	+ 3, 33 —		2, 80	
10	6, 73	3, 40	3, 78	0, 98
20	9, 93	3, 20	4, 65	0, 87
		2, 90		0, 74
3 0 9	12, 83		5, 39	
10	15, 33	2, 50	5, 96	0, 57
20	17, 37	2, 04	6, 35	0, 39
		1, 50		0, 19
4 0 10	18, 87		6, 54	
10	19, 81	0, 94	6, 54	0, 00
20	20, 16	0, 35	6, 34	0, 20
		0, 27		0, 39
5 0 11	19, 89		5, 95	
10	19, 00	0, 89	5, 38	0, 57
20	17, 54	1, 46	4, 64	0, 74

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″74 —		+ 5,″77 —	
10	— 0, 41 +	3,″15	6, 66	0,″89
20	3, 55	3, 14	7, 35	0, 69
		3, 03		0, 47
1 0 7	6, 58		7, 82	
10	9, 41	2, 83	8, 05	0, 23
20	11, 95	2, 54	8, 04	0, 01
		2, 17		0, 25
2 0 8	14, 12		7, 79	
10	15, 87	1, 75	7, 31	0, 48
20	17, 14	1, 27	6, 60	0, 71
		0, 75		0, 92
3 0 9	17, 89		5, 68	
10	18, 09	0, 20	4, 59	1, 09
20	17, 75	0, 34	3, 36	1, 23
		0, 89		1, 33
4 0 10	16, 86		2, 03	
10	15, 45	1, 41	+ 0, 64 —	1, 39
20	13, 58	1, 87	— 0, 78 +	1, 42
		2, 28		1, 39
5 0 11	11, 30		2, 17	
10	8, 69	2, 61	3, 49	1, 32
20	5, 81	2, 88	4, 70	1, 21

1 ad *c* Capricorni, de quatuor in extrema caudae borea. 6. 46

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	323° 35′ 1″	+ 48,″13	CAILLE 9° 59′ 42″	— 16,″10
TOB. MAYER	323 35 1		T. MAY. 9 59 32	
DE ZACH	323 34 50		BARRY 9 59 38	
			L. LAND. 9 59 29	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″99 +		+ 5,″96 —	
10	12, 66	2,″33	5, 38	0,″58
20	9, 96	2, 70	4, 64	0, 74
1 0 7	6, 96	3, 00	3, 76	0, 88
10	3, 75	3, 21	2, 77	0, 99
20	— 0, 42 +	3, 33	1, 69	1, 08
2 0 8	+ 2, 93 —	3, 35	+ 0, 56 —	1, 13
10	6, 19	3, 26	— 0, 59 +	1, 15
20	9, 26	3, 07	1, 72	1, 13
3 0 9	12, 05	2, 79	2, 79	1, 07
10	14, 47	2, 42	3, 78	0, 99
20	16, 45	1, 98	4, 65	0, 87
4 0 10	17, 93	1, 48	5, 39	0, 74
10	18, 86	0, 93	5, 96	0, 57
20	19, 23	0, 37	6, 35	0, 39
5 0 11	19, 02	0, 21	6, 55	0, 20
10	18, 23	0, 79	6, 55	0, 00
20	16, 87	1, 36	6, 35	0, 20

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″35 —		+ 5,″67 —	
10	— 1, 63 +	2,″98	6, 57	0,″90
20	4, 58	2, 95	7, 27	0, 70
1 0 7	7, 39	2, 81	7, 76	0, 49
10	9, 96	2, 57	8, 01	0, 25
20	12, 22	2, 26	8, 01	0, 00
2 0 8	14, 12	1, 90	7, 77	0, 24
10	15, 60	1, 48	7, 30	0, 47
20	16, 60	1, 00	6, 61	0, 69
3 0 9	17, 09	0, 49	5, 71	0, 90
10	17, 07	0, 02	4, 64	1, 07
20	16, 53	0, 54	3, 42	1, 22
4 0 10	15, 48	1, 05	2, 11	1, 31
10	13, 96	1, 52	+ 0, 73 —	1, 38
20	12, 02	1, 94	— 0, 66 +	1, 39
5 0 11	9, 71	2, 31	2, 04	1, 38
10	7, 11	2, 60	3, 36	1, 32
20	4, 30	2, 81	4, 58	1, 22

λ Capricorni, de quatuor in borea parte caudae media. 5. 48

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	323° 56′ 20″		CAILLE 12° 16′ 54″	
BRADLEY	323 56 22		BRADL. 12 16 53	
TOB. MAYER	323 56 24		T. MAY. 12 16 46	
DE ZACH	323 56 13		BARRY 12 16 49	—
		+ 48,″61	L.LAND. 12 16 36	16,″18

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
☽ 0 6	— 15,″17 +		+ 5,″51 —	
10	12, 84	2,″33	4, 81	0,″70
20	10, 13	2, 71	3, 98	0, 83
0 7	7, 11	3, 02	3, 04	0, 94
10	3, 87	3, 24	2, 00	1, 04
20	— 0, 51 +	3, 36	+ 0, 90 —	1, 10
0 8	+ 2, 86 —	3, 37	— 0, 23 +	1, 13
10	6, 14	3, 28	1, 35	1, 12
20	9, 24	3, 10	2, 43	1, 08
0 9	12, 06	2, 82	3, 43	1, 00
10	14, 51	2, 45	4, 33	0, 90
20	16, 52	2, 01	5, 10	0, 77
0 10	18, 04	1, 52	5, 71	0, 61
10	19, 00	0, 96	6, 15	0, 44
20	19, 38	0, 38	6, 41	0, 26
0 11	19, 18	0, 20	6, 47	0, 06
10	18, 38	0, 80	6, 33	0, 14
20	17, 03	1, 35	6, 01	0, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☽ 0 6	+ 1,″68 —		+ 5,″64 —	
10	— 1, 34 +	3,″02	6, 54	0,″90
20	4, 33	2, 99	7, 25	0, 71
0 7	7, 18	2, 85	7, 74	0, 49
10	9, 81	2, 63	8, 00	0, 26
20	12, 14	2, 33	8, 02	0, 02
0 8	14, 11	1, 97	7, 79	0, 23
10	15, 65	1, 54	7, 33	0, 46
20	16, 71	1, 06	6, 64	0, 69
0 9	17, 26	0, 55	5, 75	0, 89
10	17, 29	0, 03	4, 68	1, 07
20	16, 79	0, 50	3, 47	1, 21
0 10	15, 78	1, 01	2, 16	1, 31
10	14, 29	1, 49	+ 0, 78 —	1, 38
20	12, 38	1, 91	— 0, 61 +	1, 39
0 11	10, 08	2, 30	1, 99	1, 38
10	7, 47	2, 61	3, 32	1, 33
20	4, 64	2, 83	4, 55	1, 23

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	323° 59′ 33″		CAILLE 17° 1′ 26″	
BRADLEY	323 59 37		BRADL. 17 1 27	
TOB. MAYER	323 59 42		T. MAY. 17 1 20	
DE LAMBRE	323 59 43	+	BARRY 17 1 37	—
DE ZACH	323 59 40	49,″65	L.LAND. 17 1 22	16,″19

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″52 +		+ 4,″47 —	
10	13, 14	2,″38	3, 58	0,″89
20	10, 37	2, 77	2, 58	1, 00
1 0 7	7, 29	3, 08	1, 50	1, 08
10	3, 99	3, 30	+ 0, 38 —	1, 12
20	— 0, 56 +	3, 43	— 0, 75 +	1, 13
2 0 8	+ 2, 88 —	3, 44	1, 85	1, 10
10	6, 22	3, 34	2, 91	1, 06
20	9, 38	3, 16	3, 88	0, 97
3 0 9	12, 28	2, 90	4, 73	0, 85
10	14, 81	2, 53	5, 43	0, 70
20	16, 86	2, 05	5, 98	0, 55
4 0 10	18, 42	1, 56	6, 34	0, 36
10	19, 39	0, 97	6, 50	0, 16
20	19, 78	0, 39	6, 47	0, 03
5 0 11	19, 58	0, 20	6, 24	0, 23
10	18, 78	0, 80	5, 82	0, 42
20	17, 41	1, 37	5, 22	0, 60

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♋ 0 6	+ 2,″36 —		+ 5,″61 —	
10	— 0, 73 +	3,″09	6, 51	0,″90
20	3, 81	3, 08	7, 23	0, 72
1 0 7	6, 77	2, 96	7, 73	0, 50
10	9, 52	2, 75	7, 99	0, 26
20	11, 98	2, 46	8, 00	0, 01
2 0 8	14, 08	2, 10	7, 77	0, 23
10	15, 76	1, 68	7, 31	0, 46
20	16, 95	1, 19	6, 63	0, 68
3 0 9	17, 63	0, 68	5, 74	0, 89
10	17, 77	0, 14	4, 68	1, 06
20	17, 37	0, 40	3, 48	1, 20
4 0 10	16, 45	0, 92	2, 18	1, 30
10	15, 03	1, 42	+ 0, 79 —	1, 39
20	13, 14	1, 89	— 0, 60 +	1, 39
5 0 11	10, 85	2, 29	1, 98	1, 38
10	8, 24	2, 61	3, 30	1, 32
20	5, 37	2, 87	4, 52	1, 22

50 Capricorni. 6.

50

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
FLAMSTEED	323° 58′ 32″	+ 48.″68	FLAMST 12°35′59″	— 16.″18
DE ZACH	323 58 29		BARRY 12 36 22	
			L.LAND. 12 36 14	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″20 +		+ 5,″38 —	
10	12, 88	2,″32	4, 69	0,″69
20	10, 17	2, 71	3, 86	0, 83
1 0 7	7, 15	3, 02	2, 91	0, 95
10	3, 91	3, 24	1, 87	1, 04
20	— 0, 55 +	3, 36	+ 0, 76 —	1, 11
2 0 8	+ 2, 82 —	3, 37	— 0, 38 +	1, 14
10	6, 11	3, 29	1, 50	1, 12
20	9, 22	3, 11	2, 57	1, 07
3 0 9	12, 05	2, 83	3, 56	0, 99
10	14, 51	2, 46	4, 43	0, 87
20	16, 53	2, 02	5, 18	0, 75
4 0 10	18, 05	1, 52	5, 78	0, 60
10	19, 01	0, 96	6, 20	0, 42
20	19, 40	0, 39	6, 43	0, 23
5 0 11	19, 20	0, 20	6, 46	0, 03
10	18, 41	0, 79	6, 29	0, 17
20	17, 06	1, 35	5, 95	0, 34

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″72 —		+ 5,″61 —	
10	— 1, 30 +	3,″02	6, 52	0,″91
20	4, 29	2, 99	7, 23	0, 71
1 0 7	7, 15	2, 86	7, 72	0, 49
10	9, 79	2, 64	7, 98	0, 26
20	12, 13	2, 34	8, 00	0, 02
2 0 8	14, 10	1, 97	7, 77	0, 23
10	15, 65	1, 55	7, 31	0, 46
20	16, 72	1, 07	6, 63	0, 68
3 0 9	17, 28	0, 56	5, 74	0, 89
10	17, 32	0, 04	4, 68	1, 06
20	16, 83	0, 49	3, 48	1, 20
4 0 10	15, 83	1, 00	2, 17	1, 31
10	14, 35	1, 48	+ 0, 79 —	1, 38
20	12, 43	1, 92	— 0, 60 +	1, 39
5 0 11	10, 13	2, 30	1, 98	1, 38
10	7, 53	2, 60	3, 30	1, 32
20	4, 70	2, 83	4, 52	1, 22

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	323° 59′ 33″		CAILLE 17° 1′ 26″	
BRADLEY	323 59 37		BRADL. 17 1 27	
TOB. MAYER	323 59 42		T. MAY. 17 1 20	
DE LAMBRE	323 59 43		BARRY 17 1 37	
DE ZACH	323 59 40	+ 49,″65	L.LAND. 17 1 22	16,″19

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″52 +		+ 4,″47 —	
10	13, 14	2,″38	3, 58	0,″89
20	10, 37	2, 77	2, 58	1, 00
1 0 7	7, 29	3, 08	1, 50	1, 08
10	3, 99	3, 30	+ 0, 38 —	1, 12
20	— 0, 56 +	3, 43	— 0, 75 +	1, 13
2 0 8	+ 2, 88 —	3, 44	1, 85	1, 10
10	6, 22	3, 34	2, 91	1, 06
20	9, 38	3, 16	3, 88	0, 97
3 0 9	12, 28	2, 90	4, 73	0, 85
10	14, 81	2, 53	5, 43	0, 70
20	16, 86	2, 05	5, 98	0, 55
4 0 10	18, 42	1, 56	6, 34	0, 36
10	19, 39	0, 97	6, 50	0, 16
20	19, 78	0, 39	6, 47	0, 03
5 0 11	19, 58	0, 20	6, 24	0, 23
10	18, 78	0, 80	5, 82	0, 42
20	17, 41	1, 37	5, 22	0, 60

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″36 —		+ 5,″61 —	
10	— 0, 73 +	3,″09	6, 51	0,″90
20	3, 81	3, 08	7, 23	0, 72
1 0 7	6, 77	2, 96	7, 73	0, 50
10	9, 52	2, 75	7, 99	0, 26
20	11, 98	2, 46	8, 00	0, 01
2 0 8	14, 08	2, 10	7, 77	0, 23
10	15, 76	1, 68	7, 31	0, 46
20	16, 95	1, 19	6, 63	0, 68
3 0 9	17, 63	0, 68	5, 74	0, 89
10	17, 77	0, 14	4, 68	1, 06
20	17, 37	0, 40	3, 48	1, 20
4 0 10	16, 45	0, 92	2, 18	1, 30
10	15, 03	1, 42	+ 0, 79 —	1, 39
20	13, 14	1, 89	— 0, 60 +	1, 39
5 0 11	10, 85	2, 29	1, 98	1, 38
10	8, 24	2,″61	3, 30	1, 32
20	5, 37	2, 87	4, 52	1, 22

50 Capricorni. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
FLAMSTEED	323° 58′ 32″	+ 48,″68	FLAMST 12°35′59″	— 16,″18
DE ZACH	323 58 29		BARRY 12 36 22	
			L.LAND. 12 36 14	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″20 +		+ 5,″38 —	
10	12, 88	2,″32	4, 69	0,″69
20	10, 17	2, 71	3, 86	0, 83
1 0 7	7, 15	3, 02	2, 91	0, 95
10	3, 91	3, 24	1, 87	1, 04
20	— 0, 55 +	3, 36	+ 0, 76 —	1, 11
2 0 8	+ 2, 82 —	3, 37	— 0, 38 +	1, 14
10	6, 11	3, 29	1, 50	1, 12
20	9, 22	3, 11	2, 57	1, 07
3 0 9	12, 05	2, 83	3, 56	0, 99
10	14, 51	2, 46	4, 43	0, 87
20	16, 53	2, 02	5, 18	0, 75
4 0 10	18, 05	1, 52	5, 78	0, 60
10	19, 01	0, 96	6, 20	0, 42
20	19, 40	0, 39	6, 43	0, 23
5 0 11	19, 20	0, 20	6, 46	0, 03
10	18, 41	0, 79	6, 29	0, 17
20	17, 06	1, 35	5, 95	0, 34

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″72 —		+ 5,″61 —	
10	— 1, 30 +	3,″02	6, 52	0,″91
20	4, 29	2, 99	7, 23	0, 71
1 0 7	7, 15	2, 86	7, 72	0, 49
10	9, 79	2, 64	7, 98	0, 26
20	12, 13	2, 34	8, 00	0, 02
2 0 8	14, 10	1, 97	7, 77	0, 23
10	15, 65	1, 55	7, 31	0, 46
20	16, 72	1, 07	6, 63	0, 68
3 0 9	17, 28	0, 56	5, 74	0, 89
10	17, 32	0, 04	4, 68	1, 06
20	16, 83	0, 49	3, 48	1, 20
4 0 10	15, 83	1, 00	2, 17	1, 31
10	14, 35	1, 48	+ 0, 79 —	1, 38
20	12, 43	1, 92	— 0, 60 +	1, 39
5 0 11	10, 13	2, 30	1, 98	1, 38
10	7, 53	2, 60	3, 30	1, 32
20	4, 70	2, 83	4, 52	1, 22

μ Capricorni, de quatuor in borea parte caudae auſtr. 5 51

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	325° 35′ 32″	+ 48,″97	CAILLE 14° 29′ 10″	— 16,″51
BRADLEY	325 35 26		BRADL. 14 29 9	
TOB. MAYER	325 35 30		T. MAY. 14 29 6	
DE ZACH	325 35 31		BARRY 14 29 8	
			L.LAND. 14 29 3	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″64 +		+ 5,″13 —	
10	13, 37	2,″27	4, 33	0,″80
20	10, 70	2, 67	3, 40	0, 93
1 0 7	7, 71	2, 99	2, 37	1, 03
10	4, 48	3, 23	1, 26	1, 11
20	— 1, 11 +	3, 37	+ 0, 13 —	1, 13
2 0 8	+ 2, 29 —	3, 40	— 1, 01 +	1, 14
10	5, 62	3, 33	2, 12	1, 11
20	8, 77	3, 15	3, 17	1, 05
3 0 9	11, 66	2, 89	4, 12	0, 95
10	14, 20	2, 54	4, 95	0, 83
20	16, 31	2, 11	5, 63	0, 68
4 0 10	17, 92	1, 61	6, 13	0, 50
10	18, 99	1, 07	6, 45	0, 32
20	19, 48	0, 49	6, 58	0, 13
5 0 11	19, 38	0, 10	6, 51	0, 07
10	18, 68	0, 70	6, 24	0, 27
20	17, 41	1, 27	5, 77	0, 47

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″03 —		+ 5,″40 —	
10	— 1, 01 +	3,″04	6, 34	0,″94
20	4, 03	3, 02	7, 08	0, 74
1 0 7	6, 93	2, 90	7, 60	0, 52
10	9, 62	2, 69	7, 89	0, 29
20	12, 01	2, 39	7, 95	0, 06
2 0 8	14, 03	2, 02	7, 77	0, 18
10	15, 63	1, 60	7, 35	0, 42
20	16, 76	1, 13	6, 71	0, 64
3 0 9	17, 38	0, 62	5, 86	0, 85
10	17, 47	0, 09	4, 83	1, 03
20	17, 03	0, 44	3, 66	1, 17
4 0 10	16, 07	0, 96	2, 38	1, 28
10	14, 62	1, 45	+ 1, 02 —	1, 36
20	12, 73	1, 89	— 0, 37 +	1, 39
5 0 11	10, 46	2, 27	1, 75	1, 38
10	7, 87	2, 59	3, 06	1, 31
20	5, 03	2, 84	4, 29	1, 23

ε Aquarii, trium ſuper veſtimento manus
finiſtr. praecedens. 4. 2

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	309° 12′ 38″	+ 48,″83	CAILLE 10° 13′ 8″	— 12,″64
BRADLEY	309 12 36		BRADL. 10 13 5	
TOB. MAYER	309 12 33		T. MAY. 10 13 0	
DE ZACH	309 12 30		BARRY 10 13 6	
			L.LAND. 10 12 52	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″78 +		+ 5,″32 —	
10	8, 87	2,″91	4, 85	0,″47
20	5, 69	3, 18	4, 24	0, 61
1 0 7	— 2, 33 +	3, 36	3, 49	0, 75
10	+ 1, 10 —	3, 43	2, 64	0, 85
20	4, 49	3, 39	1, 71	0, 93
2 0 8	7, 74	3, 25	+ 0, 73 —	0, 98
10	10, 76	3, 02	— 0, 28 +	1, 01
20	13, 46	2, 70	1, 28	1, 00
3 0 9	15, 74	2, 28	2, 24	0, 96
10	17, 54	1, 80	3, 13	0, 89
20	18, 82	1, 28	3, 92	0, 79
4 0 10	19, 52	0, 70	4, 59	0, 67
10	19, 62	0, 10	5, 13	0, 54
20	19, 14	0, 48	5, 51	0, 38
5 0 11	18, 07	1, 07	5, 73	0, 22
10	16, 45	1, 62	5, 77	0, 04
20	14, 33	2, 12	5, 63	0, 14

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″09 —		+ 7,″40 —	
10	— 1, 94 +	3,″03	8, 06	0,″66
20	4, 92	2, 98	8, 48	0, 42
1 0 7	7, 74	2, 82	8, 65	0, 17
10	10, 32	2, 58	8, 55	0, 10
20	12, 59	2, 27	8, 19	0, 36
2 0 8	14, 48	1, 89	7, 59	0, 60
10	15, 93	1, 45	6, 75	0, 84
20	16, 89	0, 96	5, 70	1, 05
3 0 9	17, 34	0, 45	4, 48	1, 22
10	17, 27	0, 07	3, 14	1, 34
20	16, 68	0, 59	1, 68	1, 46
4 0 10	15, 57	1, 11	+ 0, 19 —	1, 49
10	13, 98	1, 59	— 1, 31 +	1, 50
20	11, 97	2, 01	2, 78	1, 47
5 0 11	9, 61	2, 36	4, 16	1, 38
10	6, 96	2, 65	5, 41	1, 25
20	4, 09	2, 87	6, 50	1, 09

3 Aquarii. 5. 3

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	309° 17′ 31″	+ 47,″60	FLAMST 5°45′ 0″	— 12,″65
DE ZACH	309 17 33		BARRY 5 45 2	
			L. LAND. 5 44 48	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 11,″75 +		+ 6,″48 —	
10	8, 88	2,″87	6, 15	0,″33
20	5, 74	3, 14	5, 64	0, 51
		3, 31		0, 67
1 0 7	— 2, 43 +		4, 97	
10	+ 0, 95 —	3, 38	4, 14	0, 83
20	4, 31	3, 36	3, 18	0, 96
		3, 23		1, 05
2 0 8	7, 54		2, 13	
10	10, 54	3, 00	+ 1, 01 —	1, 12
20	13, 21	2, 67	— 0, 13 +	1, 14
		2, 27		1, 15
3 0 9	15, 48		1, 28	
10	17, 29	1, 81	2, 40	1, 12
20	18, 58	1, 29	3, 44	1, 04
		0, 71		0, 92
4 0 10	19, 29		4, 36	
10	19, 42	0, 13	5, 15	0, 79
20	18, 96	0, 46	5, 79	0, 64
		1, 04		0, 45
5 0 11	17, 92		6, 24	
10	16, 33	1, 59	6, 51	0, 27
20	14, 25	2, 08	6, 60	0, 09

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″61 —		+ 7,″35 —	
10	— 2, 34 +	2,″95	8, 02	0,″67
20	5, 21	2, 87	8, 46	0, 44
		2, 71		0, 17
1 0 7	7, 92		8, 63	
10	10, 39	2, 47	8, 54	0, 09
20	12, 55	2, 16	8, 18	0, 36
		1, 78		0, 59
2 0 8	14, 33		7, 59	
10	15, 68	1, 35	6, 77	0, 82
20	16, 54	0, 86	5, 73	1, 04
		0, 36		1, 21
3 0 9	16, 90		4, 52	
10	16, 75	0, 15	3, 17	1, 35
20	16, 10	0, 65	1, 72	1, 45
		1, 15		1, 49
4 0 10	14, 95		+ 0, 23 —	
10	13, 34	1, 61	— 1, 26 +	1, 49
20	11, 33	2, 01	2, 72	1, 46
		2, 35		1, 37
5 0 11	8, 98		4, 09	
10	6, 36	2, 62	5, 35	1, 26
20	3, 54	2, 82	6, 45	1, 10

μ Aquarii, trium ſuper veſtim. manus ſiniſtrae media. 4. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	310° 27′ 53″	+ 48,″65	CAILLE 9° 43′ 28″	— 12,″98
BRADLEY	310 27 50		BRADL. 9 43 26	
TOB. MAYER	310 27 48		T. MAY. 9 43 20	
DE ZACH	310 27 47		BARRY 9 43 26	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 12,″10 +		+ 5,″49 —	
10	9, 24	2,″86	5, 03	0,″46
20	6, 09	3, 15	4, 41	0, 62
1 0 7	— 2, 75 +	3, 34	3, 67	0, 74
10	+ 0, 66 —	3, 41	2, 81	0, 86
20	4, 05	3, 39	1, 86	0, 95
2 0 8	7, 32	3, 27	+ 0, 85 —	1, 01
10	10, 36	3, 04	— 0, 18 +	1, 03
20	13, 09	2, 73	1, 20	1, 02
3 0 9	15, 42	2, 33	2, 19	0, 99
10	17, 29	1, 87	3, 10	0, 91
20	18, 63	1, 34	3, 93	0, 83
4 0 10	19, 40	0, 77	4, 64	0, 71
10	19, 58	0, 18	5, 22	0, 58
20	19, 17	0, 41	5, 63	0, 41
5 0 11	18, 18	0, 99	5, 86	0, 23
10	16, 63	1, 55	5, 92	0, 06
20	14, 58	2, 05	5, 80	0, 12

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″06 —		+ 7,″25 —	
10	— 1, 96 +	3,″02	7, 95	0,″70
20	4, 92	2, 96	8, 40	0, 45
1 0 7	7, 73	2, 81	8, 59	0, 19
10	10, 30	2, 57	8, 53	0, 06
20	12, 56	2, 26	8, 20	0, 33
2 0 8	14, 43	1, 87	7, 62	0, 58
10	15, 87	1, 44	6, 82	0, 80
20	16, 83	0, 96	5, 81	1, 01
3 0 9	17, 28	0, 45	4, 62	1, 19
10	17, 20	0, 08	3, 29	1, 33
20	16, 60	0, 60	1, 85	1, 44
4 0 10	15, 49	1, 11	+ 0, 36 —	1, 49
10	13, 91	1, 58	— 1, 13 +	1, 49
20	11, 91	2, 00	2, 59	1, 46
5 0 11	9, 55	2, 36	3, 97	1, 38
10	6, 91	2, 64	5, 24	1, 27
20	4, 05	2, 86	6, 35	1, 11

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	314° 40′ 20″		CAILLE 12° 10′ 25″	
BRADLEY	314 40 15		BRADL. 12 10 22	
TOB. MAYER	314 40 15		T. MAY. 12 10 16	
DE LAMBRE	314 40 12	+	BARRY 12 10 23	—
DE ZACH	314 40 13	49,″11	L.LAND. 12 10 7	14,″06

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 13,″21 +		+ 5,″06 —	
10	10, 49	2,″72	4, 46	0,″60
20	7, 43	3, 06	3, 73	0, 73
1 0 7	4, 15	3, 28	2, 89	0, 84
10	— 0, 76 +	3, 39	1, 96	0, 93
20	+ 2, 65 —	3, 41	+ 0, 98 —	0, 98
2 0 8	5, 99	3, 34	— 0, 04 +	1, 02
10	9, 15	3, 16	1, 05	1, 01
20	12, 03	2, 88	2, 03	0, 98
3 0 9	14, 55	2, 52	2, 95	0, 92
10	16, 62	2, 07	3, 79	0, 84
20	18, 18	1, 56	4, 51	0, 72
4 0 10	19, 19	1, 01	5, 09	0, 58
10	19, 62	0, 43	5, 51	0, 42
20	19, 46	0, 16	5, 77	0, 26
5 0 11	18, 70	0, 76	5, 86	0, 09
10	17, 37	1, 33	5, 76	0, 10
20	15, 52	1, 85	5, 49	0, 27

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″44 —		+ 6,″78 —	
10	— 1, 60 +	3,″04	7, 55	0,″77
20	4, 61	3, 01	8, 09	0, 54
1 0 7	7, 48	2, 87	8, 38	0, 29
10	10, 11	2, 63	8, 42	0, 04
20	12, 43	2, 32	8, 20	0, 22
2 0 8	14, 38	1, 95	7, 72	0, 48
10	15, 89	1, 51	7, 02	0, 70
20	16, 92	1, 03	6, 11	0, 91
3 0 9	17, 44	0, 52	5, 01	1, 10
10	17, 42	0, 02	3, 75	1, 26
20	16, 88	0, 54	2, 38	1, 37
4 0 10	15, 82	1, 06	+ 0, 94 —	1, 44
10	14, 28	1, 54	— 0, 52 +	1, 46
20	12, 30	1, 98	1, 97	1, 45
5 0 11	9, 96	2, 34	3, 37	1, 40
10	7, 32	2, 64	4, 67	1, 30
20	4, 45	2, 87	5, 81	1, 16

18 Aquarii. 6. 18

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
TOB. MAYER	318° 18′ 41″	+ 49,″29	T. MAY. 13°43′38″	— 14,″94
DE ZACH	318 18 35		BARRY 13 43 45	
			L.LAND. 13 43 29	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″10 +		+ 4,″87 —	
10	11, 51	2,″59	4, 15	0,″72
20	8, 58	2, 95	3, 35	0, 80
1 0 7	5, 35	3, 21	2, 44	0, 91
10	— 2, 01 +	3, 36	1, 44	1, 00
20	+ 1, 43 —	3, 42	+ 0, 41 —	1, 03
2 0 8	4, 82	3, 39	— 0, 63 +	1, 04
10	8, 06	3, 24	1, 66	1, 03
20	11, 05	2, 99	2, 64	0, 98
3 0 9	13, 70	2, 65	3, 54	0, 90
10	15, 93	2, 23	4, 34	0, 80
20	17, 67	1, 74	4, 99	0, 65
4 0 10	18, 89	1, 22	5, 49	0, 50
10	19, 54	0, 65	5, 83	0, 34
20	19, 59	0, 05	5, 99	0, 16
5 0 11	19, 06	0, 53	5, 97	0, 02
10	17, 94	1, 12	5, 77	0, 20
20	16, 28	1, 66	5, 39	0, 38

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″73 —		+ 6,″36 —	
10	— 1, 33 +	3,″06	7, 18	0,″82
20	4, 35	3, 02	7, 78	0, 60
1 0 7	7, 24	2, 89	8, 14	0, 36
10	9, 92	2, 68	8, 26	0, 12
20	12, 30	2, 38	8, 13	0, 13
2 0 8	14, 30	2, 00	7, 75	0, 38
10	15, 86	1, 56	7, 14	0, 61
20	16, 94	1, 08	6, 32	0, 82
3 0 9	17, 51	0, 57	5, 30	1, 02
10	17, 54	0, 03	4, 11	1, 19
20	17, 05	0, 49	2, 80	1, 31
4 0 10	16, 03	1, 02	+ 1, 41 —	1, 39
10	14, 52	1, 51	— 0, 02 +	1, 43
20	12, 58	1, 94	1, 45	1, 43
5 0 11	10, 25	2, 32	2, 85	1, 40
10	7, 63	2, 63	4, 16	1, 31
20	4, 76	2, 87	5, 30	1, 18

β Aquarii, in ſiniſtro humero. 3. 22

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	320° 15′ 25″		CAILLE 6° 26′ 35″	
BRADLEY	320 15 20		BRADL. 6 26 37	
TOB. MAYER	320 15 23		T. MAY. 6 26 31	
DE LAMBRE	320 15 12		BARRY 6 26 22	
DE ZACH	320 15 13	47.″48	L. LAND. 6 26 28	15,″39

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″20 +		+ 6,″61 —	
10	11, 74	2,″46	6, 20	0,″41
20	8, 93	2, 81	5, 61	0, 59
1 0 7	5, 86	3, 07	4, 85	0, 76
10	— 2, 62 +	3, 24	3, 96	0, 89
20	+ 0, 72 —	3, 34	2, 94	1, 02
2 0 8	4, 04	3, 32	1, 82	1, 12
10	7, 23	3, 19	+ 0, 65 —	1, 17
20	10, 19	2, 96	— 0, 54 +	1, 19
3 0 9	12, 84	2, 65	1, 72	1, 18
10	15, 11	2, 27	2, 84	1, 12
20	16, 93	1, 82	3, 88	1, 04
4 0 10	18, 22	1, 29	4, 79	0, 91
10	18, 97	0, 75	5, 57	0, 78
20	19, 14	0, 17	6, 17	0, 60
5 0 11	18, 73	0, 41	6, 59	0, 42
10	17, 74	0, 99	6, 80	0, 21
20	16, 22	1, 52	6, 81	0, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″83 —		+ 6,″10 —	
10	— 2, 12 +	2,″95	6, 96	0,″86
20	5, 00	2, 88	7, 60	0, 64
1 0 7	7, 72	2, 72	8, 01	0, 41
10	10, 20	2, 48	8, 18	0, 17
20	12, 38	2, 18	8, 10	0, 08
2 0 8	14, 19	1, 81	7, 77	0, 33
10	15, 57	1, 38	7, 22	0, 55
20	16, 46	0, 89	6, 45	0, 77
3 0 9	16, 86	0, 40	5, 47	0, 98
10	16, 75	0, 11	4, 32	1, 15
20	16, 13	0, 62	3, 04	1, 28
4 0 10	15, 02	1, 11	1, 67	1, 37
10	13, 44	1, 58	+ 0, 26 —	1, 41
20	11, 46	1, 98	— 1, 16 +	1, 42
5 0 11	9, 14	2, 32	2, 55	1, 39
10	6, 55	2, 59	3, 86	1, 31
20	3, 75	2, 80	5, 05	1, 19

ξ Aquarii, ſub humero praecedente ſuper coſtis quaſi in axilla. 6. 23

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	321° 46′ 28″		CAILLE 8°44′41″	
BRADLEY	321 46 22		BRADL. 8 44 36	
TOB. MAYER	321 46 25		T. MAY. 8 44 51	
DE ZACH	321 46 18		BARRY 8 44 36	
		+ 47,″94	L. LAND. 8 44 27	— 15,″72

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″59 +		+ 6,″12 —	
10	12, 19	2,″40	5, 63	0,″49
20	9, 42	2, 77	4, 98	0, 65
1 0 7	6, 37	3, 05	4, 15	0, 83
10	— 3, 13 +	3, 24	3, 19	0, 96
20	+ 0, 21 —	3, 34	2, 13	1, 06
2 0 8	3, 55	3, 34	+ 1, 01 —	1, 12
10	6, 77	3, 22	— 0, 14 +	1, 15
20	9, 78	3, 01	1, 28	1, 14
3 0 9	12, 51	2, 73	2, 38	1, 10
10	14, 86	2, 35	3, 42	1, 04
20	16, 75	1, 89	4, 34	0, 92
4 0 10	18, 12	1, 37	5, 14	0, 80
10	18, 95	0, 83	5, 77	0, 63
20	19, 21	0, 26	6, 25	0, 48
5 0 11	18, 88	0, 33	6, 54	0, 29
10	17, 98	0, 90	6, 61	0, 07
20	16, 54	1, 44	6, 46	0, 15

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″15 —		+ 5,″91 —	
10	— 1, 82 +	2,″97	6, 78	0,″87
20	4, 74	2, 92	7, 46	0, 68
1 0 7	7, 52	2, 78	7, 92	0, 46
10	10, 07	2, 55	8, 13	0, 21
20	12, 31	2, 23	8, 09	0, 04
2 0 8	14, 17	1, 86	7, 81	0, 28
10	15, 61	1, 44	7, 29	0, 52
20	16, 57	0, 96	6, 54	0, 75
3 0 9	17, 02	0, 45	5, 59	0, 95
10	16, 96	0, 06	4, 48	1, 11
20	16, 39	0, 57	3, 23	1, 25
4 0 10	15, 31	1, 08	1, 88	1, 35
10	13, 77	1, 54	+ 0, 47 —	1, 41
20	11, 82	1, 95	— 0, 94 +	1, 41
5 0 11	9, 51	2, 31	2, 32	1, 38
10	6, 91	2, 60	3, 64	1, 32
20	4, 10	2, 81	4, 85	1, 21

β Aquarii, in ſiniſtro humero. 3. 22

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	320° 15′ 25″		CAILLE 6°26′35″	
BRADLEY	320 15 20		BRADL. 6 26 37	
TOB. MAYER	320 15 23		T. MAY. 6 26 31	
DE LAMBRE	320 15 12		BARRY 6 26 22	
DE ZACH	320 15 13	47,″48	L. LAND. 6 26 28	15,″39

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″20 +		+ 6,″61 —	
10	11, 74	2,″46	6, 20	0,″41
20	8, 93	2, 81	5, 61	0, 59
		3, 07		0, 76
1 0 7	5, 86		4, 85	
10	— 2, 62 +	3, 24	3, 96	0, 89
20	+ 0, 72 —	3, 34	2, 94	1, 02
		3, 32		1, 12
2 0 8	4, 04		1, 82	
10	7, 23	3, 19	+ 0, 65 —	1, 17
20	10, 19	2, 96	— 0, 54 +	1, 19
		2, 65		1, 18
3 0 9	12, 84		1, 72	
10	15, 11	2, 27	2, 84	1, 12
20	16, 93	1, 82	3, 88	1, 04
		1, 29		0, 91
4 0 10	18, 22		4, 79	
10	18, 97	0, 75	5, 57	0, 78
20	19, 14	0, 17	6, 17	0, 60
		0, 41		0, 42
5 0 11	18, 73		6, 59	
10	17, 74	0, 99	6, 80	0, 21
20	16, 22	1, 52	6, 81	0, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″83 —		+ 6,″10 —	
10	— 2, 12 +	2,″95	6, 96	0,″86
20	5, 00	2, 88	7, 60	0, 64
		2, 72		0, 41
1 0 7	7, 72		8, 01	
10	10, 20	2, 48	8, 18	0, 17
20	12, 38	2, 18	8, 10	0, 08
		1, 81		0, 33
2 0 8	14, 19		7, 77	
10	15, 57	1, 38	7, 22	0, 55
20	16, 46	0, 89	6, 45	0, 77
		0, 40		0, 98
3 0 9	16, 86		5, 47	
10	16, 75	0, 11	4, 32	1, 15
20	16, 13	0, 62	3, 04	1, 28
		1, 11		1, 37
4 0 10	15, 02		1, 67	
10	13, 44	1, 58	+ 0, 26 —	1, 41
20	11, 46	1, 98	— 1, 16 +	1, 42
		2, 32		1, 39
5 0 11	9, 14		2, 55	
10	6, 55	2, 59	3, 86	1, 31
20	3, 75	2, 80	5, 05	1, 19

ξ Aquarii, ſub humero praecedente ſuper coſtis quaſi in axilla. 6. 23

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	321° 46′ 28″	+ 47,″94	CAILLE 8°44′41″	— 15,″72
BRADLEY	321 46 22		BRADL. 8 44 36	
TOB. MAYER	321 46 25		T. MAY. 8 44 51	
DE ZACH	321 46 18		BARRY 8 44 36	
			L.LAND. 8 44 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″59 +		+ 6,″12 —	
10	12, 19	2,″40	5, 63	0,″49
20	9, 42	2, 77	4, 98	0, 65
1 0 7	6, 37	3, 05	4, 15	0, 83
10	— 3, 13 +	3, 24	3, 19	0, 96
20	+ 0, 21 —	3, 34	2, 13	1, 06
2 0 8	3, 55	3, 34	+ 1, 01 —	1, 12
10	6, 77	3, 22	— 0, 14 +	1, 15
20	9, 78	3, 01	1, 28	1, 14
3 0 9	12, 51	2, 73	2, 38	1, 10
10	14, 86	2, 35	3, 42	1, 04
20	16, 75	1, 89	4, 34	0, 92
4 0 10	18, 12	1, 37	5, 14	0, 80
10	18, 95	0, 83	5, 77	0, 63
20	19, 21	0, 26	6, 25	0, 48
5 0 11	18, 88	0, 33	6, 54	0, 29
10	17, 98	0, 90	6, 61	0, 07
20	16, 54	1, 44	6, 46	0, 15

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″15 —		+ 5,″91 —	
10	— 1, 82 +	2,″97	6, 78	0,″87
20	4, 74	2, 92	7, 46	0, 68
1 0 7	7, 52	2, 78	7, 92	0, 46
10	10, 07	2, 55	8, 13	0, 21
20	12, 31	2, 23	8, 09	0, 04
2 0 8	14, 17	1, 86	7, 81	0, 28
10	15, 61	1, 44	7, 29	0, 52
20	16, 57	0, 96	6, 54	0, 75
3 0 9	17, 02	0, 45	5, 59	0, 95
10	16, 96	0, 06	4, 48	1, 11
20	16, 39	0, 57	3, 23	1, 25
4 0 10	15, 31	1, 08	1, 88	1, 35
10	13, 77	1, 54	+ 0, 47 —	1, 41
20	11, 82	1, 95	— 0, 94 +	1, 41
5 0 11	9, 51	2, 31	2, 32	1, 38
10	6, 91	2, 60	3, 64	1, 32
20	4, 10	2, 81	4, 85	1, 21

d Aquarii, in capite. 6. 25

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	322° 21′ 4″	+ 45,″74	FLAMST 1°21′ 5″	+ 15,″85
DE ZACH	322 21 0		BARRY 1 21 6	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 14,″51 +		— 8,″15 +	
10	12, 16	2,″35	8, 08	0,″07
20	9, 45	2, 71	7, 76	0, 32
1 0 7	6, 46	2, 99	7, 21	0, 55
10	— 3, 27 +	3, 19	6, 43	0, 78
20	+ 0, 03 —	3, 30	5, 45	0, 98
2 0 8	3, 33	3, 30	4, 32	1, 13
10	6, 52	3, 19	3, 05	1, 27
20	9, 52	3, 00	1, 69	1, 36
3 0 9	12, 23	2, 71	— 0, 28 +	1, 41
10	14, 57	2, 34	+ 1, 14 —	1, 42
20	16, 46	1, 89	2, 53	1, 39
4 0 10	17, 85	1, 39	3, 85	1, 32
10	18, 71	0, 86	5, 03	1, 18
20	19, 00	0, 29	6, 07	1, 04
5 0 11	18, 71	0, 29	6, 93	0, 86
10	17, 83	0, 88	7, 58	0, 65
20	16, 42	1, 41	7, 98	0, 40

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″17 +		— 5,″82 +	
10	3, 00	2,″83	6, 71	0,″89
20	5, 73	2, 73	7, 39	0, 68
1 0 7	8, 28	2, 55	7, 84	0, 45
10	10, 58	2, 30	8, 06	0, 22
20	12, 56	1, 98	8, 04	0, 02
2 0 8	14, 16	1, 60	7, 77	0, 27
10	15, 34	1, 17	7, 27	0, 50
20	16, 04	0, 70	6, 55	0, 72
3 0 9	16, 26	0, 22	5, 62	0, 93
10	15, 97	0, 27	4, 51	1, 11
20	15, 22	0, 75	3, 28	1, 23
4 0 10	13, 99	1, 23	1, 96	1, 32
10	12, 34	1, 65	— 0, 56 +	1, 40
20	10, 32	2, 02	+ 0, 85 —	1, 41
5 0 11	7, 99	2, 33	2, 23	1, 38
10	5, 41	2, 58	3, 54	1, 31
20	2, 66	2, 75	4, 75	1, 21

o Aquarii, infra dextrum humerum. 5. 31

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	328° 14′ 35″	+ 46,″60	CAILLE 3° 6′ 48″	— 17,″02
BRADLEY	328 14 28		BRADL. 3 6 53	
TOB. MAYER	328 14 33		T. MAY. 3 6 49	
DE ZACH	328 14 21		BARRY 3 6 59	
			L.LAND. 3 6 42	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
○ 0 6	— 15,″61 +		+ 7,″45 —	
10	13, 53	2,″08	7, 17	0,″28
20	11, 05	2, 48	6, 68	0, 49
I 0 7	8, 24	2, 81	5, 98	0, 70
10	5, 18	3, 06	5, 11	0, 87
20	— 1, 96 +	3, 22	4, 08	1, 03
2 0 8	+ 1, 32 —	3, 28	2, 92	1, 16
10	4, 57	3, 25	1, 68	1, 24
20	7, 68	3, 11	+ 0, 39 —	1, 29
3 0 9	10, 55	2, 87	— 0, 92 +	1, 31
10	13, 09	2, 54	2, 20	1, 28
20	15, 24	2, 15	3, 40	1, 20
4 0 10	16, 94	1, 70	4, 51	1, 11
10	18, 12	1, 18	5, 48	0, 97
20	18, 74	0, 62	6, 28	0, 80
5 0 11	18, 79	0, 05	6, 89	0, 61
10	18, 27	0, 52	7, 30	0, 41
20	17, 20	1, 07	7, 49	0, 19

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
○ 0 6	+ 0,″44 —		+ 5,″03 —	
10	— 2, 44 +	2,″88	6, 02	0,″99
20	5, 26	2, 82	6, 81	0, 79
I 0 7	7, 91	2, 65	7, 39	0, 58
10	10, 31	2, 40	7, 74	0, 35
20	12, 40	2, 09	7, 86	0, 12
2 0 8	14, 12	1, 72	7, 74	0, 12
10	15, 41	1, 29	7, 38	0, 36
20	16, 22	0, 81	6, 81	0, 57
3 0 9	16, 55	0, 33	6, 02	0, 79
10	16, 38	0, 17	5, 05	0, 97
20	15, 71	0, 67	3, 95	1, 10
4 0 10	14, 56	1, 15	2, 72	1, 23
10	12, 96	1, 60	1, 39	1, 33
20	10, 98	1, 98	+ 0, 02 —	1, 37
5 0 11	8, 65	2, 33	— 1, 35 +	1, 37
10	6, 07	2, 58	2, 66	1, 31
20	3, 31	2, 76	3, 90	1, 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	328° 54′ 18″		CAILLE 14° 50′ 1″	
BRADLEY	328 54 20		BRADL. 14 49 59	
TOB. MAYER	328 54 21		T. MAY. 14 49 53	
DE ZACH	328 54 14	+ 48,″78	BARRY 14 50 3	— 17,″14
			L.LAND. 14 49 57	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″20 +		+ 5,″28 —	
10	14, 10	2,″10	4, 44	0,″84
20	11, 58	2, 52	3, 46	0, 98
1 0 7	8, 71	2, 87	2, 37	1, 09
10	5, 56	3, 14	1, 22	1, 15
20	— 2, 26 +	3, 31	+ 0, 04 —	1, 18
2 0 8	+ 1, 12 —	3, 38	— 1, 15 +	1, 19
10	4, 47	3, 35	2, 31	1, 16
20	7, 69	3, 32	3, 40	1, 09
3 0 9	10, 66	2, 97	4, 38	0, 98
10	13, 30	2, 64	5, 22	0, 84
20	15, 55	2, 25	5, 92	0, 70
4 0 10	17, 33	1, 78	6, 43	0, 51
10	18, 58	1, 25	6, 73	0, 30
20	19, 26	0, 68	6, 84	0, 11
5 0 11	19, 37	0, 11	6, 75	0, 09
10	18, 88	0, 49	6, 46	0, 29
20	17, 81	1, 07	5, 97	0, 49

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″16 —		+ 4,″94 —	
10	— 0, 88 +	3,″04	5, 92	0,″98
20	3, 90	3, 02	6, 72	0, 80
1 0 7	6, 80	2, 90	7, 33	0, 61
10	9, 49	2, 69	7, 71	0, 38
20	11, 89	2, 40	7, 85	0, 14
2 0 8	13, 93	2, 04	7, 75	0, 10
10	15, 54	1, 61	7, 41	0, 34
20	16, 68	1, 14	6, 86	0, 55
3 0 9	17, 32	0, 64	6, 08	0, 78
10	17, 43	0, 11	5, 12	0, 96
20	17, 02	0, 41	4, 03	1, 09
4 0 10	16, 08	0, 94	2, 80	1, 23
10	14, 64	1, 44	1, 48	1, 32
20	12, 76	1, 88	+ 0, 13 —	1, 35
5 0 11	10, 52	2, 24	— 1, 24 +	1, 37
10	7, 96	2, 56	2, 56	1, 32
20	5, 14	2, 82	3, 80	1, 24

α Aquarii, duarum in dextro humero lucidior. 3. 34

	Ascens. rect. med.	Var. ann. Æ. med.
DE LA CAILLE	328° 52′ 36″	+ 46,″26
BRADLEY	328 52 38	
TOB. MAYER	328 52 46	
MASKELYNE	328 52 26	

	Declin. med. Aust.	Var. ann. Decl. med.
LA CAILLE	1° 17′ 8″	— 17,″14
BRADLEY	1 17 8	
T. MAYER	1 17 4	
MASKELYNE	1 17 8	
BARRY	1 17 14	
LA LANDE	1 17 1	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 15,″70 +		+ 7,″75 —	
10	13, 67	2,″03	7, 57	0,″18
20	11, 22	2, 45	7, 16	0, 41
1 0 7	8, 43	2, 79	6, 54	0, 62
10	5, 39	3, 04	5, 71	0, 83
20	— 2, 19 +	3, 20	4, 70	1, 01
2 0 8	+ 1, 08 —	3, 27	3, 55	1, 15
10	4, 33	3, 25	2, 30	1, 25
20	7, 45	3, 12	+ 0, 98 —	1, 32
3 0 9	10, 34	2, 89	— 0, 38 +	1, 36
10	12, 91	2, 57	1, 73	1, 35
20	15, 08	2, 17	3, 01	1, 28
4 0 10	16, 80	1, 72	4, 20	1, 19
10	18, 02	1, 22	5, 28	1, 08
20	18, 68	0, 66	6, 19	0, 91
5 0 11	18, 78	0, 10	6, 91	0, 72
10	18, 31	0, 47	7, 43	0, 52
20	17, 27	1, 04	7, 71	0, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″18 —		+ 4,″94 —	
10	— 2, 67 +	2,″85	5, 92	0,″98
20	5, 46	2, 78	6, 72	0, 80
1 0 7	8, 05	2, 61	7, 33	0, 61
10	10, 42	2, 36	7, 71	0, 38
20	12, 47	2, 05	7, 85	0, 14
2 0 8	14, 14	1, 67	7, 75	0, 10
10	15, 38	1, 24	7, 41	0, 34
20	16, 15	0, 77	6, 85	0, 56
3 0 9	16, 43	0, 28	6, 08	0, 77
10	16, 21	0, 22	5, 12	0, 96
20	15, 50	0, 71	4, 02	1, 10
4 0 10	14, 32	1, 18	2, 81	1, 21
10	12, 70	1, 62	1, 49	1, 32
20	10, 70	2, 00	+ 0, 13 —	1, 36
5 0 11	8, 37	2, 33	— 1, 24 +	1, 37
10	5, 79	2, 58	2, 56	1, 32
20	3, 03	2, 76	3, 80	1, 24

35 Aquarii. 5. 35

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
BRADLEY	329° 29′ 57″	+ 49.″65	BRADL. 19° 29′ 31″	— 17.″25
DE ZACH	329 29 48		BARRY 19 29 34	
			L.LAND. 19 29 15	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16.″77 +		+ 4.″41 —	
10	14, 64	2.″13	3, 34	1.″07
20	12, 07	2, 57	2, 17	1, 17
1 0 7	9, 13	2, 94	+ 0, 94 —	1, 23
10	5, 92	3, 21	— 0, 32 +	1, 26
20	— 2, 54 +	3, 38	1, 57	1, 25
2 0 8	+ 0, 92 —	3, 46	2, 77	1, 20
10	4, 37	3, 45	3, 89	1, 12
20	7, 69	3, 32	4, 90	1, 01
3 0 9	10, 77	3, 08	5, 75	0, 85
10	13, 51	2, 74	6, 42	0, 67
20	15, 84	2, 33	6, 91	0, 49
4 0 10	17, 71	1, 87	7, 19	0, 28
10	19, 03	1, 32	7, 24	0, 05
20	19, 76	0, 73	7, 06	0, 18
5 0 11	19, 90	0, 14	6, 68	0, 38
10	19, 43	0, 47	6, 10	0, 58
20	18, 38	1, 05	5, 35	0, 75

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2.″91 —		+ 4.″83 —	
10	— 0, 20 +	3.″11	5, 83	1.″00
20	3, 31	3, 11	6, 64	0, 81
1 0 7	6, 31	3, 00	7, 25	0, 61
10	9, 10	2, 79	7, 65	0, 40
20	11, 62	2, 52	7, 80	0, 15
2 0 8	13, 80	2, 18	7, 72	0, 08
10	15, 57	1, 77	7, 40	0, 32
20	16, 85	1, 28	6, 86	0, 54
3 0 9	17, 62	0, 77	6, 11	0, 75
10	17, 86	0, 24	5, 17	0, 94
20	17, 56	0, 30	4, 08	1, 09
4 0 10	16, 72	0, 84	2, 87	1, 21
10	15, 37	1, 35	1, 56	1, 31
20	13, 56	1, 81	+ 0, 22 —	1, 34
5 0 11	11, 33	2, 23	— 1, 13 +	1, 35
10	8, 76	2, 57	2, 46	1, 33
20	5, 92	2, 84	3, 69	1, 23

ε Aquarii, in ſiniſtri femoris vertebra borea. 6. 38

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	329° 58′ 50″	+ 48,″27	CAILLE 12°32′37″	— 17,″33
TOB. MAYER	329 58 52		T. MAY. 12 32 27	
DE ZACH	329 58 44		BARRY 12 32 36	
			L. LAND. 12 32 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″28 +		+ 5,″80 —	
10	14, 25	2,″03	5, 06	0,″74
20	11, 78	2, 47	4, 15	0, 91
1 0 7	8, 96	2, 82	3, 13	1, 02
10	5, 88	3, 08	2, 01	1, 12
20	— 2, 61 +	3, 27	+ 0, 84 —	1, 17
2 0 8	+ 0, 74 —	3, 35	— 0, 36 +	1, 20
10	4, 06	3, 32	1, 54	1, 18
20	7, 26	3, 20	2, 69	1, 15
3 0 9	10, 24	2, 98	3, 76	1, 07
10	12, 91	2, 67	4, 70	0, 94
20	15, 19	2, 28	5, 51	0, 81
4 0 10	17, 01	1, 82	6, 15	0, 64
10	18, 32	1, 31	6, 60	0, 45
20	19, 06	0, 74	6, 85	0, 25
5 0 11	19, 22	0, 16	6, 90	0, 05
10	18, 80	0, 42	6, 73	0, 17
20	17, 82	0, 98	6, 37	0, 36

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″84 —		+ 4,″77 —	
10	— 1, 17 +	3,″01	5, 77	1,″00
20	4, 14	2, 97	6, 60	0, 83
1 0 7	6, 98	2, 84	7, 21	0, 61
10	9, 60	2, 62	7, 61	0, 40
20	11, 94	2, 34	7, 77	0, 16
2 0 8	13, 92	1, 98	7, 71	0, 06
10	15, 48	1, 56	7, 41	0, 30
20	16, 56	1, 08	6, 89	0, 52
3 0 9	17, 14	0, 58	6, 15	0, 74
10	17, 20	0, 06	5, 22	0, 93
20	16, 74	0, 46	4, 14	1, 08
4 0 10	15, 76	0, 98	2, 94	1, 20
10	14, 31	1, 45	1, 64	1, 30
20	12, 43	1, 88	+ 0, 28 —	1, 36
5 0 11	10, 17	2, 26	— 1, 06 +	1, 34
10	7, 60	2, 57	2, 37	1, 31
20	4, 79	2, 81	3, 62	1, 25

35 Aquarii. 5. 35

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Anſt.	Var. ann. Decl. med.
BRADLEY	329° 29′ 57″	+ 49.″65	BRADL. 19°29′31″	— 17.″25
DE ZACH	329 29 48		BARRY 19 29 34	
			L.LAND. 19 29 15	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″77 +		+ 4,″41 —	
10	14, 64	2,″13	3, 34	1,″07
20	12, 07	2, 57	2, 17	1, 17
1 0 7	9, 13	2, 94	+ 0, 94 —	1, 23
10	5, 92	3, 21	— 0, 32 +	1, 26
20	— 2, 54 +	3, 38	1, 57	1, 25
2 0 8	+ 0, 92 —	3, 46	2, 77	1, 20
10	4, 37	3, 45	3, 89	1, 12
20	7, 69	3, 32	4, 90	1, 01
3 0 9	10, 77	3, 08	5, 75	0, 85
10	13, 51	2, 74	6, 42	0, 67
20	15, 84	2, 33	6, 91	0, 49
4 0 10	17, 71	1, 87	7, 19	0, 28
10	19, 03	1, 32	7, 24	0, 05
20	19, 76	0, 73	7, 06	0, 18
5 0 11	19, 90	0, 14	6, 68	0, 38
10	19, 43	0, 47	6, 10	0, 58
20	18, 38	1, 05	5, 35	0, 75

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″91 —		+ 4,″83 —	
10	— 0, 20 +	3,″11	5, 83	1,″00
20	3, 31	3, 11	6, 64	0, 81
1 0 7	6, 31	3, 00	7, 25	0, 61
10	9, 10	2, 79	7, 65	0, 40
20	11, 62	2, 52	7, 80	0, 15
2 0 8	13, 80	2, 18	7, 72	0, 08
10	15, 57	1, 77	7, 40	0, 32
20	16, 85	1, 28	6, 86	0, 54
3 0 9	17, 62	0, 77	6, 11	0, 75
10	17, 86	0, 24	5, 17	0, 94
20	17, 56	0, 30	4, 08	1, 09
4 0 10	16, 72	0, 84	2, 87	1, 21
10	15, 37	1, 35	1, 56	1, 31
20	13, 56	1, 81	+ 0, 22 —	1, 34
5 0 11	11, 33	2, 23	— 1, 13 +	1, 35
10	8, 76	2, 57	2, 46	1, 33
20	5, 92	2, 84	3, 69	1, 23

ε Aquarii, in ſiniſtri femoris vertebra borea. 6. 38

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	329° 58′ 50″	+ 48,″27	CAILLE 12°32′37″	— 17,″33
TOB. MAYER	329 58 52		T. MAY. 12 32 27	
DE ZACH	329 58 44		BARRY 12 32 36	
			L. LAND. 12 32 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 6	— 16,″28 +		+ 5,″80 —	
10	14, 25	2,″03	5, 06	0,″74
20	11, 78	2, 47	4, 15	0, 91
0 7	8, 96	2, 82	3, 13	1, 02
10	5, 88	3, 08	2, 01	1, 12
20	— 2, 61 +	3, 27	+ 0, 84 —	1, 17
0 8	+ 0, 74 —	3, 35	— 0, 36 +	1, 20
10	4, 06	3, 32	1, 54	1, 18
20	7, 26	3, 20	2, 69	1, 15
0 9	10, 24	2, 98	3, 76	1, 07
10	12, 91	2, 67	4, 70	0, 94
20	15, 19	2, 28	5, 51	0, 81
0 10	17, 01	1, 82	6, 15	0, 64
10	18, 32	1, 31	6, 60	0, 45
20	19, 06	0, 74	6, 85	0, 25
0 11	19, 22	0, 16	6, 90	0, 05
10	18, 80	0, 42	6, 73	0, 17
20	17, 82	0, 98	6, 37	0, 36

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 6	+ 1,″84 —		+ 4,″77 —	
10	— 1, 17 +	3,″01	5, 77	1,″00
20	4, 14	2, 97	6, 60	0, 83
0 7	6, 98	2, 84	7, 21	0, 61
10	9, 60	2, 62	7, 61	0, 40
20	11, 94	2, 34	7, 77	0, 16
0 8	13, 92	1, 98	7, 71	0, 06
10	15, 48	1, 56	7, 41	0, 30
20	16, 56	1, 08	6, 89	0, 52
0 9	17, 14	0, 58	6, 15	0, 74
10	17, 20	0, 06	5, 22	0, 93
20	16, 74	0, 46	4, 14	1, 08
0 10	15, 76	0, 98	2, 94	1, 20
10	14, 31	1, 45	1, 64	1, 30
20	12, 43	1, 88	+ 0, 28 —	1, 36
0 11	10, 17	2, 26	— 1, 06 +	1, 34
10	7, 60	2, 57	2, 37	1, 31
20	4, 79	2, 81	3, 62	1, 25

θ Aquarii duarum in dextra cotyla contiguarum praecedens. 4.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	331° 34′ 4″	+ 47.″51	CAILLE 8°46′19″	— 17,″60
BRADLEY	331 34 1		BRADL. 8 46 22	
TOB. MAYER	331 34 3		T. MAY. 8 46 19	
DE LAMBRE	331 33 58		BARRY 8 46 28	
DE ZACH	331 33 58		L.LAND. 8 46 17	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″32 +		+ 6,″53 —	
10	14, 41	1,″91	5, 98	0,″55
20	12, 05	2, 36	5, 24	0, 74
1 0 7	9, 33	2, 72	4, 34	0, 90
10	6, 33	3, 00	3, 30	1, 04
20	— 3, 14 +	3, 19	2, 16	1, 14
2 0 8	+ 0, 16 —	3, 30	+ 0, 96 —	1, 20
10	3, 46	3, 30	— 0, 28 +	1, 24
20	6, 65	3, 19	1, 50	1, 22
3 0 9	9, 62	2, 97	2, 68	1, 18
10	12, 30	2, 68	3, 78	1, 10
20	14, 62	2, 32	4, 75	0, 97
4 0 10	16, 49	1, 87	5, 59	0, 84
10	17, 87	1, 38	6, 26	0, 67
20	18, 70	0, 83	6, 74	0, 48
5 0 11	18, 96	0, 26	7, 01	0, 27
10	18, 64	0, 32	7, 07	0, 06
20	17, 75	0, 89	6, 91	0, 16

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″30 —		+ 4,″55 —	
10	— 1, 66 +	2,″96	5, 56	1,″01
20	4, 56	2, 90	6, 40	0, 84
1 0 7	7, 31	2, 75	7, 06	0, 66
10	9, 84	2, 53	7, 51	0, 45
20	12, 09	2, 25	7, 72	0, 21
2 0 8	13, 98	1, 89	7, 70	0, 02
10	15, 42	1, 44	7, 44	0, 26
20	16, 38	0, 96	6, 95	0, 49
3 0 9	16, 86	0, 48	6, 25	0, 70
10	16, 83	0, 03	5, 36	0, 89
20	16, 30	0, 53	4, 32	1, 04
4 0 10	15, 27	1, 03	3, 14	1, 18
10	13, 76	1, 51	1, 86	1, 28
20	11, 83	1, 93	+ 0, 53 —	1, 33
5 0 11	9, 55	2, 28	— 0, 81 +	1, 34
10	6, 99	2, 56	2, 13	1, 32
20	4, 21	2, 78	3, 38	1, 25

ϱ Aquarii, duar. in dextra cotyla contig. ſequens. 5. 46

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	332° 25′ 2″		CAILLE 8°49′13″	
BRADLEY	332 24 59		BRADL. 8 49 20	
TOB. MAYER	332 25 5		T. MAY. 8 49 6	
DE LAMBRE	332 24 52	+	BARRY 8 49 12	—
DE ZACH	332 24 54	47,″47	L. LAND. 8 49 5	17,″74

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″45 +		+ 6,″56 —	
10	14, 57	1,″88	6, 00	0,″56
20	12, 24	2, 32	5, 26	0, 74
1 0 7	9, 56	2, 68	4, 35	0, 91
10	6, 58	2, 98	3, 30	1, 05
20	3, 40	3, 18	2, 15	1, 15
2 0 8	— 0, 11 +	3, 29	+ 0, 94 —	1, 21
10	+ 3, 19 —	3, 30	— 0, 30 +	1, 24
20	6, 38	3, 19	1, 53	1, 23
3 0 9	9, 37	2, 99	2, 71	1, 18
10	12, 08	2, 71	3, 81	1, 10
20	14, 43	2, 35	4, 79	0, 98
4 0 10	16, 33	1, 90	5, 63	0, 84
10	17, 74	1, 41	6, 30	0, 67
20	18, 62	0, 88	6, 78	0, 48
5 0 11	18, 93	0, 31	7, 06	0, 28
10	18, 69	0, 24	7, 12	0, 06
20	17, 82	0, 87	6, 95	0, 17

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″31 —		+ 4,″42 —	
10	— 1, 64 +	2,″95	5, 46	1,″04
20	4, 54	2, 90	6, 31	0, 85
1 0 7	7, 30	2, 76	6, 97	0, 66
10	9, 84	2, 54	7, 42	0, 45
20	12, 08	2, 24	7, 66	0, 24
2 0 8	13, 95	1, 87	7, 67	0, 01
10	15, 40	1, 45	7, 43	0, 24
20	16, 37	0, 97	6, 97	0, 46
3 0 9	16, 86	0, 49	6, 30	0, 67
10	16, 83	0, 03	5, 44	0, 86
20	16, 30	0, 53	4, 41	1, 03
4 0 10	15, 26	1, 04	3, 25	1, 16
10	13, 75	1, 51	1, 98	1, 27
20	11, 83	1, 92	+ 0, 64 —	1, 34
5 0 11	9, 56	2, 27	— 0, 69 +	1, 33
10	7, 00	2, 56	2, 00	1, 31
20	4, 22	2, 78	3, 25	1, 25

47 Aquarii. 5. 47

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	332° 38′ 39″	+ 49,″89	FLAMST 22°35′30″	— 17.″79
DE ZACH	332 38 20		BARRY. 22 35 47	
			L.LAND. 22 35 24	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″63 +		+ 5,″92 —	
10	15, 63	2,″00	5, 16	0,″76
20	13, 17	2, 46	4, 24	0, 92
1 0 7	10, 30	2, 87	3, 19	1, 05
10	7, 11	3, 19	2, 04	1, 15
20	3, 71	3, 40	+ 0, 83 —	1, 21
2 0 8	— 0, 19 +	3, 52	— 0, 40 +	1, 23
10	+ 3, 34 —	3, 53	1, 63	1, 23
20	6, 76	3, 42	2, 81	1, 18
3 0 9	9, 97	3, 21	3, 89	1, 08
10	12, 87	2, 90	4, 86	0, 97
20	15, 39	2, 52	5, 72	0, 86
4 0 10	17, 46	2, 07	6, 33	0, 61
10	18, 97	1, 51	6, 79	0, 46
20	19, 92	0, 95	7, 05	0, 26
5 0 11	20, 26	0, 34	7, 08	0, 03
10	19, 99	0, 27	6, 89	0, 19
20	19, 10	0, 89	6, 49	0, 40

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″52 —		+ 4,″39 —	
10	0, 39	3,″13	5, 42	1,″03
20	— 2, 75 +	3, 14	6, 28	0, 86
1 0 7	5, 80	3, 05	6, 94	0, 66
10	8, 68	2, 88	7, 40	0, 46
20	11, 30	2, 62	7, 64	0, 24
2 0 8	13, 58	2, 28	7, 65	0, 01
10	15, 44	1, 86	7, 42	0, 23
20	16, 82	1, 38	6, 97	0, 45
3 0 9	17, 72	0, 88	6, 31	0, 66
10	18, 05	0, 35	5, 45	0, 86
20	17, 85	0, 20	4, 42	1, 03
4 0 10	17, 10	0, 75	3, 27	1, 15
10	15, 83	1, 27	2, 02	1, 25
20	14, 09	1, 74	+ 0,″69 —	1, 33
5 0 11	11, 92	2, 17	— 0, 65 +	1, 34
10	9, 38	2, 54	1, 96	1, 31
20	6, 55	2, 83	3, 22	1, 26

γ Aquarii, in cubito dextro. 3. 48

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	332° 49′ 46″	+ 46,″41	CAILLE 2° 23′ 22″	— 17,″81
BRADLEY	332 49 46		BRADL. 2 23 27	
TOB. MAYER	332 49 52		T. MAY. 2 23 23	
DE LAMBRE	332 49 45		BARRY 2 23 26	
DE ZACH	332 49 44		L.LAND. 2 23 20	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″32 +		+ 7,″62 —	
10	14, 48	1,″84	7, 37	0,″25
20	12, 21	2, 27	6, 90	0, 47
1 0 7	9, 57	2, 64	6, 22	0, 68
10	6, 63	2, 94	5, 37	0, 85
20	3, 49	3, 14	4, 34	1, 03
2 0 8	— 0, 24 +	3, 25	3, 17	1, 17
10	+ 3, 02 —	3, 26	1, 92	1, 25
20	6, 19	3, 17	+ 0, 60 —	1, 32
3 0 9	9, 16	2, 97	— 0, 74 +	1, 34
10	11, 84	2, 68	2, 05	1, 31
20	14, 18	2, 34	3, 30	1, 25
4 0 10	16, 08	1, 90	4, 44	1, 14
10	17, 50	1, 42	5, 47	1, 03
20	18, 39	0, 89	6, 31	0, 84
5 0 11	18, 72	0, 33	6, 96	0, 65
10	18, 48	0, 24	7, 42	0, 46
20	17, 67	0, 81	7, 63	0, 21

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″35 —		+ 4,″38 —	
10	— 2, 52 +	2,″87	5, 41	1,″03
20	5, 31	2, 79	6, 27	0, 86
1 0 7	7, 93	2, 62	6, 94	0, 67
10	10, 32	2, 39	7, 40	0, 46
20	12, 40	2, 08	7, 64	0, 24
2 0 8	14, 10	1, 70	7, 66	0, 02
10	15, 37	1, 27	7, 44	0, 22
20	16, 17	0, 80	6, 98	0, 46
3 0 9	16, 48	0, 31	6, 32	0, 66
10	16, 29	0, 19	5, 47	0, 85
20	15, 61	0, 68	4, 46	1, 01
4 0 10	14, 45	1, 16	3, 30	1, 16
10	12, 85	1, 60	2, 03	1, 27
20	10, 87	1, 98	+ 0, 70 —	1, 33
5 0 11	8, 56	2, 31	— 0, 64 +	1, 34
10	5, 98	2, 58	1, 95	1, 31
20	3, 21	2, 77	3, 21	1, 26

49 Aquarii. 5. 49

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	333° 4′ 41″	+ 50,″45	FLAMST 25°45′13″	— 17,″86
DE ZACH	333 5 0		BARRY 25 46 3	
			L.LAND. 25 45 51	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″16 +		+ 3,″54 —	
10	16, 14	2,″02	2, 16	1,″38
20	13, 64	2, 50	+ 0, 71 —	1, 45
1 0 7	10, 72	2, 92	— 0, 77 +	1, 48
10	7, 47	3, 25	2, 23	1, 46
20	3, 99	3, 48	3, 63	1, 40
2 0 8	— 0, 38 +	3, 61	4, 93	1, 30
10	+ 3, 24 —	3, 62	6, 07	1, 14
20	6, 75	3, 51	7, 02	0, 95
3 0 9	10, 05	3, 30	7, 76	0, 74
10	13, 05	3, 00	8, 26	0, 50
20	15, 65	2, 60	8, 51	0, 25
4 0 10	17, 77	2, 12	8, 51	0, 00
10	19, 36	1, 59	8, 27	0, 24
20	20, 38	1, 02	7, 72	0, 55
5 0 11	20, 76	0, 38	6, 98	0, 76
10	20, 49	0, 27	6, 02	0, 96
20	19, 62	0, 87	4, 86	1, 16

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 4,″11 —		+ 4,″31 —	
10	0, 93	3,″18	5, 36	1,″04
20	— 2, 27 +	3, 20	6, 22	0, 86
1 0 7	5, 39	3, 12	6, 89	0, 67
10	8, 35	2, 96	7, 36	0, 47
20	11, 07	2, 72	7, 62	0, 26
2 0 8	13, 46	2, 39	7, 64	0, 02
10	15, 43	1, 97	7, 42	0, 22
20	16, 92	1, 49	6, 97	0, 45
3 0 9	17, 90	0, 98	6, 32	0, 65
10	18, 34	0, 44	5, 48	0, 84
20	18, 23	0, 11	4, 48	1, 00
4 0 10	17, 56	0, 67	3, 34	1, 14
10	16, 35	1, 21	2, 08	1, 26
20	14, 65	1, 70	+ 0, 75 —	1, 33
5 0 11	12, 50	2, 15	— 0, 58 +	1, 33
10	9, 98	2, 52	1, 90	1, 32
20	7, 15	2, 83	3, 16	1, 26

51 Aquarii. 6. 51

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
TOB. MAYER	333° 24′ 27″	+ 46,″95	T. MAY. 5°50′30″	— 17,″90
DE ZACH	333 25 15		BARRY 5 50 41	
			L.LAND. 5 49 31	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♑ 0 0 6	— 16,″48 +		+ 7,″09 —	
10	14, 67	1,″81	6, 67	0,″42
20	12, 42	2, 25	6, 05	0, 62
♑ 1 0 7	9, 78	2, 64	5, 23	0, 82
10	6, 84	2, 94	4, 26	0, 97
20	3, 70	3, 14	3, 16	1, 10
♑ 2 0 8	— 0, 45 +	3, 25	1, 97	1, 19
10	+ 2, 82 —	3, 27	+ 0, 73 —	1, 24
20	6, 01	3, 19	— 0, 54 +	1, 27
♑ 3 0 9	9, 01	3, 00	1, 81	1, 27
10	11, 73	2, 72	3, 02	1, 21
20	14, 10	2, 37	4, 14	1, 12
♑ 4 0 10	16, 03	1, 94	5, 12	0, 98
10	17, 50	1, 46	5, 95	0, 83
20	18, 43	0, 93	6, 59	0, 64
♑ 5 0 11	18, 80	0, 37	7, 04	0, 45
10	18, 58	0, 22	7, 29	0, 25
20	17, 80	0, 78	7, 30	0, 01

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♑ 0 0 6	+ 0,″87 —		+ 4,″27 —	
10	— 2, 04 +	2,″91	5, 31	1,″04
20	4, 89	2, 85	6, 18	0, 87
♑ 1 0 7	7, 59	2, 70	6, 85	0, 67
10	10, 05	2, 46	7, 33	0, 48
20	12, 21	2, 16	7, 59	0, 26
♑ 2 0 8	14, 01	1, 80	7, 62	0, 03
10	15, 39	1, 38	7, 42	0, 20
20	16, 27	0, 89	6, 99	0, 43
♑ 3 0 9	16, 67	0, 40	6, 35	0, 64
10	16, 57	0, 10	5, 52	0, 83
20	15, 97	0, 60	4, 52	1, 00
♑ 4 0 10	14, 88	1, 09	3, 37	1, 15
10	13, 33	1, 55	2, 11	1, 26
20	11, 38	1, 95	+ 0, 79 —	1, 32
♑ 5 0 11	9, 09	2, 29	— 0, 53 +	1, 32
10	6, 53	2, 56	1, 84	1, 31
20	3, 76	2, 77	3, 10	1, 26

π Aquarii, trium in manu dextra borea. 5. 52

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
BRADLEY	333° 45′ 54″	+ 45,″97	BRADL. 0°22′ 3″	+ 17,″97
DE LAMBRE	333 45 45		BARRY 0 22 3	
DE ZACH	333 45 51		L.LAND. 0 22 13	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″43 +		— 8,″01 +	
10	14, 65	1,″78	7, 91	0,″10
20	12, 43	2, 22	7, 57	0, 34
1 0 7	9, 82	2, 61	7, 00	0, 57
10	6, 91	2, 91	6, 22	0, 78
20	3, 79	3, 12	5, 25	0, 97
2 0 8	— 0, 55 +	3, 24	4, 11	1, 14
10	+ 2, 71 —	3, 26	2, 85	1, 26
20	5, 88	3, 17	1, 51	1, 34
3 0 9	8, 87	2, 99	— 0, 12 +	1, 39
10	11, 58	2, 71	+ 1, 27 —	1, 39
20	13, 95	2, 37	2, 63	1, 36
4 0 10	15, 89	1, 94	3, 91	1, 28
10	17, 35	1, 46	5, 06	1, 15
20	18, 29	0, 94	6, 07	1, 01
5 0 11	18, 68	0, 39	6, 89	0, 82
10	18, 49	0, 19	7, 49	0, 60
20	17, 73	0, 76	7, 86	0, 37

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″05 +		— 4,″22 +	
10	2, 89	2,″84	5, 27	1,″05
20	5, 64	2, 75	6, 15	0, 88
1 0 7	8, 21	2, 57	6, 83	0, 68
10	10, 54	2, 33	7, 32	0, 49
20	12, 55	2, 01	7, 59	0, 27
2 0 8	14, 17	1, 62	7, 62	0, 03
10	15, 37	1, 19	7, 42	0, 20
20	16, 09	0, 73	6, 99	0, 43
3 0 9	16, 33	0, 24	6, 35	0, 64
10	16, 07	0, 26	5, 53	0, 82
20	15, 33	0, 74	4, 55	0, 98
4 0 10	14, 12	1, 21	3, 41	1, 14
10	12, 47	1, 65	2, 17	1, 24
20	10, 46	2, 02	— 0, 85 +	1, 32
5 0 11	8, 11	2, 34	+ 0, 48 —	1, 33
10	5, 54	2, 58	1, 79	1, 31
20	2, 78	2, 75	3, 05	1, 26

53 Aquarii. 6.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	333° 55′ 30″	+ 48,″87	FLAMST 17°44′59″	— 17,″97
DE ZACH	333 55 24		BARRY 17 45 12	
			L.I.AND. 17 44 58	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
☌ 0 0 6	— 17,″29 +	1,″86	+ 5,″13 —	1,″02
10	15, 43	2, 33	4, 11	1, 15
20	13, 10	2, 73	2, 96	1, 25
☊ 0 7	10, 37	3, 06	1, 71	1, 30
10	7, 31	3, 27	+ 0, 41 —	1, 31
20	4, 04	3, 39	— 0, 90 +	1, 28
♌ 0 8	— 0, 65 +	3, 41	2, 18	1, 21
10	+ 2, 76 —	3, 33	3, 39	1, 10
20	6, 09	3, 15	4, 49	0, 97
♍ 0 9	9, 24	2, 87	5, 46	0, 82
10	12, 11	2, 49	6, 28	0, 61
20	14, 60	2, 04	6, 89	0, 40
♎ 0 10	16, 64	1, 55	7, 29	0, 19
10	18, 19	1, 00	7, 48	0, 04
20	19, 19	0, 42	7, 44	0, 27
♏ 0 11	19, 61	0, 18	7, 17	0, 48
10	19, 43	0, 79	6, 69	0, 69
20	18, 64		6, 00	

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☽ 0 6	+ 2,″75 —	3,″06	+ 4,″19 —	1,″05
10	— 0, 31 +	3, 05	5, 24	0, 88
20	3, 36	2, 93	6, 12	0, 68
☊ 0 7	6, 29	2, 75	6, 80	0, 49
10	9, 04	2, 48	7, 29	0, 28
20	11, 52	2, 13	7, 57	0, 05
♌ 0 8	13, 65	1, 72	7, 62	0, 19
10	15, 37	1, 24	7, 43	0, 43
20	16, 61	0, 74	7, 00	0, 64
♍ 0 9	17, 35	0, 21	6, 36	0, 82
10	17, 56	0, 31	5, 54	0, 98
20	17, 25	0, 84	4, 56	1, 13
♎ 0 10	16, 41	1, 35	3, 43	1, 23
10	15, 06	1, 81	2, 20	1, 31
20	13, 25	2, 21	+ 0, 89 —	1, 33
♏ 0 11	11, 04	2, 54	— 0, 44 +	1, 31
10	8, 50	2, 79	1, 75	1, 26
20	5, 71		3, 01	

ζ Aquarii, trium dictarum praecedens. 4. 55

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	334° 37′ 56″		CAILLE 1° 2′ 16″	
BRADLEY	334 37 49		BRADL. 1 2 21	
TOB. MAYER	334 37 59		T. MAY. 1 2 12	
DE LAMBRE	334 37 49	+	BARRY 1 2 20	—
DE ZACH	334 37 52	46,″18	L.LAND. 1 2 7	18,″09

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″58 +		+ 7,″82 —	
10	14, 83	1,″75	7, 65	0,″17
20	12, 64	2, 19	7, 25	0, 40
1 0 7	10, 07	2, 57	6, 63	0, 62
10	7, 18	2, 89	5, 80	0, 83
20	4, 07	3, 11	4, 79	1, 01
2 0 8	— 0, 87 +	3, 20	3, 63	1, 16
10	+ 2, 37 —	3, 24	2, 38	1, 25
20	5, 56	3, 19	+ 1, 05 +	1, 33
3 0 9	8, 57	3, 01	— 0, 32 —	1, 37
10	11, 32	2, 75	1, 68	1, 36
20	13, 73	2, 41	2, 98	1, 30
4 0 10	15, 71	1, 98	4, 19	1, 21
10	17, 21	1, 50	5, 28	1, 09
20	18, 20	0, 99	6, 21	0, 93
5 0 11	18, 64	0, 44	6, 94	0, 73
10	18, 51	0, 13	7, 46	0, 52
20	17, 82	0, 69	7, 76	0, 30

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″16 —		+ 4,″10 —	
10	— 2, 70 +	2,″86	5, 16	1,″06
20	5, 47	2, 77	6, 05	0, 89
1 0 7	8, 07	2, 60	6, 75	0, 70
10	10, 43	2, 36	7, 25	0, 50
20	12, 47	2, 04	7, 54	0, 29
2 0 8	14, 13	1, 66	7, 60	0, 06
10	15, 37	1, 24	7, 43	0, 17
20	16, 13	0, 76	7, 02	0, 41
3 0 9	16, 40	0, 27	6, 41	0, 61
10	16, 18	0, 22	5, 61	0, 80
20	15, 47	0, 71	4, 64	0, 97
4 0 10	14, 29	1, 18	3, 52	1, 12
10	12, 66	1, 63	2, 29	1, 23
20	10, 65	2, 01	+ 0, 98 —	1, 31
5 0 11	8, 33	2, 32	— 0, 34 +	1, 32
10	5, 76	2, 57	1, 65	1, 31
20	3, 01	2, 75	2, 92	1, 27

σ Aquarii, in dextri femoris vertebra. 5. 57

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	335° 0′ 52″		CAILLE 11°41′49″	
BRADLEY	335 0 47		BRADL. 11 41 46	
TOB. MAYER	325 0 50		T. MAY. 11 41 40	
DE LAMBRE	335 0 45	+	BARRY 11 41 48	—
DE ZACH	335 0 43	47,″79	L.LAND. 11 41 35	18,″15

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″97 +		+ 6,″23 —	
10	15, 22	1,″75	5, 50	0,″73
20	13, 01	2, 21	4, 60	0, 90
		2, 62		1, 03
1 0 7	10, 39		3, 57	
10	7, 45	2, 94	2, 43	1, 14
20	4, 30	3, 15	+ 1, 20 —	1, 23
		3, 28		1, 27
2 0 8	— 1, 02 +		— 0, 07 +	
10	+ 2, 29 —	3, 31	1, 32	1, 25
20	5, 53	3, 24	2, 53	1, 21
		3, 08		1, 14
3 0 9	8, 61		3, 67	
10	11, 44	2, 83	4, 69	1, 02
20	13, 92	2, 48	5, 57	0, 88
		2, 05		0, 72
4 0 10	15, 97		6, 29	
10	17, 51	1, 54	6, 82	0, 53
20	18, 53	1, 02	7, 14	0, 32
		0, 48		0, 09
5 0 11	19, 01		7, 23	
10	18, 91	0, 10	7, 11	0, 12
20	18, 22	0, 69	6, 79	0, 32

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″79 —		+ 4,″05 —	
10	— 1, 19 +	2,″98	5, 09	1,″06
20	4, 13	2, 94	5, 99	0, 90
		2, 81		0, 71
1 0 7	6, 94		6, 70	
10	9, 53	2, 61	7, 21	0, 51
20	11, 85	2, 32	7, 51	0, 30
		1, 96		0, 08
2 0 8	13, 81		7, 59	
10	15, 34	1, 53	7, 43	0, 16
20	16, 40	1, 06	7, 04	0, 39
		0, 57		0, 61
3 0 9	16, 97		6, 43	
10	17, 02	0, 05	5, 63	0, 80
20	16, 56	0, 46	4, 67	0, 96
		0, 97		1, 11
4 0 10	15, 59		3, 56	
10	14, 15	1, 44	2, 34	1, 22
20	12, 28	1, 87	+ 1, 04 —	1, 30
		2, 25		1, 32
5 0 11	10, 03		— 0, 28 +	
10	7, 49	2, 54	1, 59	1, 31
20	4, 71	2, 78	2, 85	1, 26

υ Aquarii, duarum in ſiniſtra tibia auſtralior. 5. 59

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Anſt.	Var. ann. Decl. med.
DE LA CAILLE	335° 55′ 53″	+ 49,″31	CAILLE 21°43′47″	— 18,″29
BRADLEY	335 55 48		BRADL. 21 43 31	
DE ZACH	335 55 51		BARRY 21 43 52	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″03 +		+ 4,″63 —	
10	16, 22	1,″81	3, 39	1,″24
20	13, 93	2, 29	2, 04	1, 35
1 0 7	11, 22	2, 71	+ 0, 63 —	1, 41
10	8, 16	3, 06	— 0, 80 +	1, 43
20	4, 85	3, 31	2, 21	1, 41
2 0 8	— 1, 40 +	3, 45	3, 54	1, 33
10	+ 2, 09 —	3, 49	4, 77	1, 23
20	5, 52	3, 43	5, 85	1, 08
3 0 9	8, 79	3, 27	6, 76	0, 91
10	11, 80	3, 01	7, 46	0, 70
20	14, 44	2, 64	7, 93	0, 47
4 0 10	16, 63	2, 19	8, 16	0, 23
10	18, 31	1, 68	8, 15	0, 01
20	19, 46	1, 15	7, 89	0, 26
5 0 11	20, 02	0, 56	7, 39	0, 50
10	19, 96	0, 06	6, 67	0, 72
20	19, 29	0, 67	5, 73	0, 94

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″47 —		+ 3,″91 —	
10	0, 37	3,″10	4, 97	1,″06
20	— 2, 74 +	3, 11	5, 89	0, 92
1 0 7	5, 75	3, 01	6, 62	0, 73
10	8, 59	2, 84	7, 15	0, 53
20	11, 18	2, 59	7, 46	0, 31
2 0 8	13, 43	2, 25	7, 56	0, 10
10	15, 27	1, 84	7, 43	0, 13
20	16, 63	1, 36	7, 06	0, 37
3 0 9	17, 51	0, 89	6, 48	0, 58
10	17, 84	0, 32	5, 70	0, 78
20	17, 64	0, 20	4, 76	0, 94
4 0 10	16, 90	0, 74	3, 67	1, 09
10	15, 64	1, 26	2, 45	1, 22
20	13, 91	1, 73	+ 1, 17 —	1, 28
5 0 11	11, 76	2, 15	— 0, 14 +	1, 31
10	9, 26	2, 50	1, 45	1, 31
20	6, 47	2, 79	2, 70	1, 25

η Aquarii, trium in manu dextra ſequens. 4. 62

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	336° 16′ 12″		CAILLE 1° 8′ 32″	
BRADLEY	336 16 6		BRADL. 1 8 36	
TOB. MAYER	336 16 14		T. MAY. 1 8 30	
DE ZACH	336 16 4	+ 46,″19	BARRY 1 8 30	— 18,″34
			L.LAND. 1 8 24	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″79 +		+ 7,″82 —	
10	15, 14	1,″65	7, 64	0,″18
20	13, 03	2, 11	7, 23	0, 41
		2, 51		0, 62
1 0 7	10, 52		6, 61	
10	7, 69	2, 83	5, 78	0, 83
20	4, 63	3, 06	4, 76	1, 02
		3, 19		1, 15
2 0 8	— 1, 44 +		3, 61	
10	+ 1, 80 —	3, 24	2, 35	1, 26
20	4, 99	3, 19	+ 1, 01 —	1, 34
		3, 04		1, 37
3 0 9	8, 03		— 0, 36 +	
10	10, 83	2, 80	1, 72	1, 36
20	13, 30	2, 47	3, 02	1, 30
		2, 06		1, 21
4 0 10	15, 36		4, 23	
10	16, 94	1, 58	5, 31	1, 08
20	18, 02	1, 08	6, 23	0, 92
		0, 54		0, 73
5 0 11	18, 56		6, 96	
10	18, 53	0, 03	7, 48	0, 52
20	17, 93	0, 60	7, 76	0, 28

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″17 —		+ 4,″85 —	
10	— 2, 68 +	2,″85	4, 92	1,″07
20	5, 45	2, 77	5, 84	0, 92
		2, 60		0, 74
1 0 7	8, 05		6, 58	
10	10, 41	2, 36	7, 12	0, 54
20	12, 45	2, 04	7, 45	0, 33
		1, 67		0, 10
2 0 8	14, 12		7, 55	
10	15, 36	1, 24	7, 42	0, 13
20	16, 13	0, 77	7, 07	0, 35
		0, 28		0, 57
3 0 9	16, 41		6, 50	
10	16, 19	0, 22	5, 73	0, 77
20	15, 48	0, 71	4, 80	0, 93
		1, 18		1, 07
4 0 10	14, 30		3, 73	
10	12, 68	1, 62	2, 52	1, 21
20	10, 68	2, 00	+ 1, 23 —	1, 29
		2, 32		1, 32
5 0 11	8, 36		— 0, 09 +	
10	5, 78	2, 58	1, 39	1, 30
20	3, 02	2, 76	2, 64	1, 25

x Aquarii, in effuſione aquae à manu praeced. 5. 63

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	336° 50′ 59″		CAILLE 5° 15′ 21″	
BRADLEY	336 50 59		BRADL. 5 15 14	
TOB. MAYER	336 51 0		T. MAY. 5 15 8	
DE ZACH	336 50 54	+ 46,″76	BARRY 5 15 19	— 18,″42
			L. LAND. 5 15 11	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″93 +		+ 7,″29 —	
10	15, 31	1,″62	6, 88	0,″41
20	13, 22	2, 09	6, 26	0, 62
		2, 50		0, 80
1 0 7	10, 72		5, 46	
10	7, 89	2, 83	4, 50	0, 96
20	4, 83	3, 06	3, 40	1, 10
		3, 21		1, 22
2 0 8	— 1, 62 +		2, 18	
10	+ 1, 64 —	3, 26	+ 0, 91 —	1, 27
20	4, 86	3, 22	— 0, 38 +	1, 29
		3, 06		1, 29
3 0 9	7, 92		1, 67	
10	10, 74	2, 82	2, 91	1, 24
20	13, 24	2, 50	4, 05	1, 14
		2, 08		1, 03
4 0 10	15, 32		5, 08	
10	16, 93	1, 61	5, 96	0, 88
20	18, 05	1, 12	6, 65	0, 69
		0, 57		0, 49
5 0 11	18, 62		7, 14	
10	18, 62	0, 00	7, 42	0, 28
20	18, 05	0, 57	7, 47	0, 05

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″80 —		+ 3,″77 —	
10	— 2, 10 +	2,″90	4, 86	1,″09
20	4, 93	2, 83	5, 79	0, 93
		2, 67		0, 74
1 0 7	7, 60		6, 53	
10	10, 05	2, 45	7, 08	0, 55
20	12, 20	2, 15	7, 43	0, 35
		1, 78		0, 12
2 0 8	13, 98		7, 55	
10	15, 33	1, 35	7, 44	0, 11
20	16, 21	0, 88	7, 10	0, 34
		0, 39		0, 56
3 0 9	16, 60		6, 54	
10	16, 49	0, 11	5, 78	0, 76
20	15, 88	0, 61	4, 85	0, 93
		1, 10		1, 08
4 0 10	14, 78		3, 77	
10	13, 23	1, 55	2, 57	1, 20
20	11, 28	1, 95	1, 30	1, 27
		2, 28		1, 30
5 0 11	9, 00		+ 0, 00 —	
10	6, 44	2, 56	— 1, 30 +	1, 30
20	3, 67	2, 77	2, 57	1, 27

1 ad *g* Aquarii, duarum in ſiniſtra tibia borealior ſub genu. 6. 66

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTRED	338° 12′ 40″	+ 48,″47	FLAMST 19° 52′ 3″	— 18,″60
DE ZACH	338 12 0		BARRY 19 52 24	
			L.LAND. 19 52 10	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″11 +		+ 5,″16 —	
10	16, 46	1,″65	3, 97	1,″19
20	14, 31	2, 15	2, 68	1, 29
1 0 7	11, 73	2, 58	+ 1, 31 —	1, 37
10	8, 79	2, 94	— 0, 10 +	1, 41
20	5, 59	3, 20	1, 52	1, 42
2 0 8	— 2, 22 +	3, 37	2, 88	1, 36
10	+ 1, 22 —	3, 44	4, 15	1, 27
20	4, 63	3, 41	5, 29	1, 14
3 0 9	7, 90	3, 27	6, 29	1, 00
10	10, 92	3, 02	7, 09	0, 80
20	13, 62	2, 70	7, 67	0, 58
4 0 10	15, 91	2, 29	8, 02	0, 35
10	17, 70	1, 79	8, 14	0, 12
20	18, 95	1, 25	8, 00	0, 14
5 0 11	19, 64	0, 69	7, 61	0, 39
10	19, 72	0, 08	7, 00	0, 61
20	19, 20	0, 52	6, 27	0, 73

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″20 —		+ 3,″55 —	
10	0, 14	3,″06	4, 64	1,″09
20	— 2, 92 +	3, 06	5, 58	0, 94
1 0 7	5, 88	2, 96	6, 35	0, 77
10	8, 66	2, 78	6, 94	0, 59
20	11, 19	2, 53	7, 33	0, 39
2 0 8	13, 39	2, 20	7, 49	0, 16
10	15, 17	1, 78	7, 42	0, 07
20	16, 48	1, 31	7, 11	0, 31
3 0 9	17, 30	0, 82	6, 60	0, 51
10	17, 60	0, 30	5, 88	0, 72
20	17, 36	0, 24	4, 98	0, 90
4 0 10	16, 59	0, 77	3, 92	1, 06
10	15, 31	1, 28	2, 76	1, 16
20	13, 57	1, 74	1, 51	1, 25
5 0 11	11, 42	2, 15	+ 0, 22 —	1, 29
10	8, 93	2, 49	— 1, 08 +	1, 30
20	6, 16	2, 77	2, 35	1, 27

1 ad τ Aquarii, duarum in dextr. tibia fub poplite bor. 5. 69

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	339° 16′ 15″	+ 47,″96	CAILLE 15° 7′ 14″	— 18,″74
BRADLEY	339 16 16		BRADL. 15 6 24	
TOB. MAYER	339 16 11		T. MAY. 15 7 16	
DE ZACH	339 16 5		BARRY 15 6 29	
			L. LAND. 15 6 8	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″78 +		+ 6,″10 —	
10	16, 23	1,″55	5, 07	0,″94
20	14, 20	2, 03	3, 98	1, 09
1 0 7	11, 74	2, 46	2, 77	1, 21
10	8, 92	2, 82	1, 47	1, 30
20	5, 83	3, 09	+ 0, 12 —	1, 35
2 0 8	— 2, 56 +	3, 27	— 1, 22 +	1, 34
10	+ 0, 79 —	3, 35	2, 53	1, 31
20	4, 12	3, 33	3, 76	1, 23
3 0 9	7, 32	3, 20	4, 88	1, 12
10	10, 29	2, 97	5, 84	0, 96
20	12, 95	2, 66	6, 63	0, 79
4 0 10	15, 23	2, 28	7, 22	0, 59
10	17, 04	1, 81	7, 59	0, 37
20	18, 33	1, 29	7, 73	0, 14
5 0 11	19, 06	0, 73	7, 64	0, 09
10	19, 22	0, 16	7, 31	0, 33
20	18, 79	0, 43	6, 77	0, 54

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″24 —		+ 3,″37 —	
10	— 0, 74 +	2,″98	4, 47	1,″10
20	3, 70	2, 96	5, 44	0, 97
1 0 7	6, 54	2, 84	6, 25	0, 81
10	9, 19	2, 65	6, 86	0, 61
20	11, 56	2, 37	7, 26	0, 40
2 0 8	13, 58	2, 02	7, 44	0, 18
10	15, 20	1, 62	7, 40	0, 04
20	16, 34	1, 14	7, 13	0, 27
3 0 9	16, 98	0, 64	6, 65	0, 48
10	17, 11	0, 13	5, 96	0, 69
20	16, 73	0, 38	5, 09	0, 87
4 0 10	15, 83	0, 90	4, 07	1, 02
10	14, 45	1, 38	2, 91	1, 16
20	12, 64	1, 81	1, 67	1, 24
5 0 11	10, 45	2, 19	+ 0, 41 —	1, 28
10	7, 93	2, 52	— 0, 89 +	1, 28
20	5, 16	2, 77	2, 16	1, 27

2 ad τ Aquarii. 5. 71

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	339° 44′ 54″		CAILLE 14° 38′ 42″	
BRADLEY	339 44 54		BRADL. 14 38 38	
TOB. MAYER	339 44 55		T. MAY. 14 38 32	
DE ZACH	339 44 44		BARRY 14 38 37	
		+ 47,″85	L.LAND. 14 38 37	— 18,″79

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″78 +		+ 6,″12 —	
10	16, 26	1,″52	5, 19	0,″93
20	14, 25	2, 01	4, 11	1, 08
1 0 7	11, 81	2, 44	2, 92	1, 19
10	9, 01	2, 80	1, 64	1, 28
20	5, 95	3, 06	+ 0, 29 —	1, 35
2 0 8	— 2, 69 +	3, 26	— 1, 05 +	1, 34
10	+ 0, 65 —	3, 34	2, 36	1, 31
20	3, 96	3, 31	3, 60	1, 24
3 0 9	7, 16	3, 20	4, 74	1, 14
10	10, 14	2, 98	5, 73	0, 99
20	12, 82	2, 68	6, 54	0, 81
4 0 10	15, 11	2, 29	7, 16	0, 62
10	16, 93	1, 82	7, 57	0, 41
20	18, 23	1, 30	7, 74	0, 17
5 0 11	18, 99	0, 76	7, 67	0, 07
10	19, 16	0, 17	7, 36	0, 31
20	18, 76	0, 40	6, 83	0, 53

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″34 —		+ 3,″32 —	
10	— 0, 65 +	2,″99	4, 42	1,″10
20	3, 62	2, 97	5, 40	0, 98
1 0 7	6, 47	2, 85	6, 21	0, 81
10	9, 13	2, 66	6, 83	0, 62
20	11, 51	2, 38	7, 24	0, 41
2 0 8	13, 55	2, 04	7, 43	0, 19
10	15, 18	1, 63	7, 40	0, 03
20	16, 33	1, 15	7, 14	0, 26
3 0 9	16, 99	0, 66	6, 66	0, 48
10	17, 14	0, 15	5, 99	0, 67
20	16, 78	0, 36	5, 13	0, 86
4 0 10	15, 90	0, 88	4, 12	1, 01
10	14, 52	1, 38	2, 97	1, 15
20	12, 70	1, 82	1, 73	1, 24
5 0 11	10, 51	2, 19	+ 0, 45 —	1, 28
10	8, 01	2, 50	— 0, 83 +	1, 28
20	5, 26	2, 75	2, 11	1, 28

1 ad τ Aquarii, duarum in dextr. tibia fub poplite bor. 5.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	339° 16′ 15″		CAILLE 15″ 7′ 14″	
BRADLEY	339 16 16		BRADL. 15 6 24	
TOB. MAYER	339 16 11		T. MAY. 15 7 16	
DE ZACH	339 16 5	+ 47,″96	BARRY 15 6 29	— 18,″74
			L. LAND. 15 6 8	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	— 17,″78 +		+ 6,″10 —	
10	16, 23	1,″55	5, 07	0,″94
20	14, 20	2, 03	3, 98	1, 09
1 0 7	11, 74	2, 46	2, 77	1, 21
10	8, 92	2, 82	1, 47	1, 30
20	5, 83	3, 09	+ 0, 12 —	1, 35
2 0 8	— 2, 56 +	3, 27	— 1, 22 +	1, 34
10	+ 0, 79 —	3, 35	2, 53	1, 31
20	4, 12	3, 33	3, 76	1, 23
3 0 9	7, 32	3, 20	4, 88	1, 12
10	10, 29	2, 97	5, 84	0, 96
20	12, 95	2, 66	6, 63	0, 79
4 0 10	15, 23	2, 28	7, 22	0, 59
10	17, 04	1, 81	7, 59	0, 37
20	18, 33	1, 29	7, 73	0, 14
5 0 11	19, 06	0, 73	7, 64	0, 09
10	19, 22	0, 16	7, 31	0, 33
20	18, 79	0, 43	6, 77	0, 54

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 2,″24 —		+ 3,″37 —	
10	— 0, 74 +	2,″98	4, 47	1,″10
20	3, 70	2, 96	5, 44	0, 97
1 0 7	6, 54	2, 84	6, 25	0, 81
10	9, 19	2, 65	6, 86	0, 61
20	11, 56	2, 37	7, 26	0, 40
2 0 8	13, 58	2, 02	7, 44	0, 18
10	15, 20	1, 62	7, 40	0, 04
20	16, 34	1, 14	7, 13	0, 27
3 0 9	16, 98	0, 64	6, 65	0, 48
10	17, 11	0, 13	5, 96	0, 69
20	16, 73	0, 38	5, 09	0, 87
4 0 10	15, 83	0, 90	4, 07	1, 02
10	14, 45	1, 38	2, 91	1, 16
20	12, 64	1, 81	1, 67	1, 24
5 0 11	10, 45	2, 19	+ 0, 41 —	1, 28
10	7, 93	2, 52	— 0, 89 +	1, 28
20	5, 16	2, 77	2, 16	1, 27

2 ad τ Aquarii. 5. 71

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	339° 44′ 54″		CAILLE 14° 38′ 42″	
BRADLEY	339 44 54		BRADL. 14 38 38	
TOB. MAYER	339 44 55		T. MAY. 14 38 32	
DE ZACH	339 44 44		BARRY 14 38 37	
		+ 47,″85	L.LAND. 14 38 37	— 18,″79

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″78 +		+ 6,″12 —	
10	16, 26	1,″52	5, 19	0,″93
20	14, 25	2, 01	4, 11	1, 08
1 0 7	11, 81	2, 44	2, 92	1, 19
10	9, 01	2, 80	1, 64	1, 28
20	5, 95	3, 06	+ 0, 29 —	1, 35
2 0 8	— 2, 69 +	3, 26	— 1, 05 +	1, 34
10	+ 0, 65 —	3, 34	2, 36	1, 31
20	3, 96	3, 31	3, 60	1, 24
3 0 9	7, 16	3, 20	4, 74	1, 14
10	10, 14	2, 98	5, 73	0, 99
20	12, 82	2, 68	6, 54	0, 81
4 0 10	15, 11	2, 29	7, 16	0, 62
10	16, 93	1, 82	7, 57	0, 41
20	18, 23	1, 30	7, 74	0, 17
5 0 11	18, 99	0, 76	7, 67	0, 07
10	19, 16	0, 17	7, 36	0, 31
20	18, 76	0, 40	6, 83	0, 53

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″34 —		+ 3,″32 —	
10	— 0, 65 +	2,″99	4, 42	1,″10
20	3, 62	2, 97	5, 40	0, 98
1 0 7	6, 47	2, 85	6, 21	0, 81
10	9, 13	2, 66	6, 83	0, 62
20	11, 51	2, 38	7, 24	0, 41
2 0 8	13, 55	2, 04	7, 43	0, 19
10	15, 18	1, 63	7, 40	0, 03
20	16, 33	1, 15	7, 14	0, 26
3 0 9	16, 99	0, 66	6, 66	0, 48
10	17, 14	0, 15	5, 99	0, 67
20	16, 78	0, 36	5, 13	0, 86
4 0 10	15, 90	0, 88	4, 12	1, 01
10	14, 52	1, 38	2, 97	1, 15
20	12, 70	1, 82	1, 73	1, 24
5 0 11	10, 51	2, 19	+ 0, 45 —	1, 28
10	8, 01	2, 50	— 0, 83 +	1, 28
20	5, 26	2, 75	2, 11	1, 28

λ Aquarii, in effuſione à manu ſequens ad auſtrum. 4.

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	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	340° 32′ 43″		CAILLE 8° 38′ 23″	
BRADLEY	340 32 42		BRADL. 8 38 25	
TOB. MAYER	340 32 41		T. MAY. 8 38 21	
DE LAMBRE	340 32 30		BARRY 8 38 21	
DE ZACH	340 32 32	+ 47,″06	L. LAND. 8 38 20	18,″89

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″49 +		+ 6,″95 —	
10	16, 04	1,″45	6, 37	0,″58
20	14, 11	1, 93	5, 58	0, 79
1 0 7	11, 76	2, 35	4, 62	0, 96
10	9, 06	2, 70	3, 52	1, 10
20	6, 08	2, 98	2, 31	1, 21
2 0 8	— 2, 91 +	3, 17	+ 1, 03 —	1, 28
10	+ 0, 35 —	3, 26	— 0, 28 +	1, 31
20	3, 60	3, 25	1, 58	1, 30
3 0 9	6, 75	3, 15	2, 83	1, 25
10	9, 69	2, 94	3, 99	1, 16
20	12, 33	2, 64	5, 03	1, 04
4 0 10	14, 59	2, 26	5, 93	0, 90
10	16, 41	1, 82	6, 64	0, 71
20	17, 73	1, 32	7, 15	0, 51
5 0 11	18, 52	0, 79	7, 44	0, 29
10	18, 74	0, 22	7, 51	0, 07
20	18, 40	0, 34	7, 35	0, 16

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″36 —		+ 3,″19 —	
10	— 1, 56 +	2,″92	4, 31	1,″12
20	4, 44	2, 88	5, 29	0, 98
1 0 7	7, 18	2, 74	6, 11	0, 82
10	9, 70	2, 52	6, 75	0, 64
20	11, 92	2, 22	7, 18	0, 43
2 0 8	13, 78	1, 86	7, 39	0, 21
10	15, 23	1, 45	7, 38	0, 01
20	16, 22	0, 99	7, 14	0, 24
3 0 9	16, 71	0, 49	6, 69	0, 45
10	16, 70	0, 01	6, 04	0, 65
20	16, 18	0, 52	5, 20	0, 84
4 0 10	15, 16	1, 02	4, 20	1, 00
10	13, 67	1, 49	3, 07	1, 13
20	11, 77	1, 90	1, 85	1, 22
5 0 11	9, 53	2, 24	+ 0, 58 —	1, 27
10	7, 01	2, 52	— 0, 71 +	1, 29
20	4, 26	2, 75	1, 98	1, 27

♒ Aquarii, duarum in dextra tibia auſtralior. 3. 76

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	341° 0′ 18″		CAILLE 16° 52′ 49″	
BRADLEY	341 0 26		BRADL. 16 52 49	
TOB. MAYER	341 0 26		T. MAY. 16 52 43	
DE LAMBRE	341 0 17	+	BARRY 16 52 50	—
DE ZACH	341 0 15	48,″02	L. LAND. 16 52 39	18,″95

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″12 +		+ 5,″89 —	
10	16, 68	1,″44	4, 84	1,″05
20	14, 73	1, 95	3, 65	1, 19
1 0 7	12, 33	2, 40	2, 36	1, 29
10	9, 55	2, 78	+ 0, 99 —	1, 37
20	6, 48	3, 07	— 0, 42 +	1, 41
2 0 8	3, 21	3, 27	1, 81	1, 39
10	— 0, 16 +	3, 37	3, 14	1, 33
20	+ 3, 52 —	3, 36	4, 38	1, 24
3 0 9	6, 77	3, 25	5, 49	1, 11
10	9, 81	3, 04	6, 42	0, 93
20	12, 57	2, 76	7, 16	0, 74
4 0 10	14, 94	2, 37	7, 69	0, 53
10	16, 85	1, 91	7, 98	0, 29
20	18, 24	1, 39	8, 04	0, 06
5 0 11	19, 10	0, 86	7, 85	0, 19
10	19, 37	0, 27	7, 41	0, 44
20	19, 04	0, 33	6, 75	0, 66

Long. ♋	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″74 —		+ 3,″11 —	
10	— 0, 27 +	3,″01	4, 23	1,″12
20	3, 27	3, 00	5, 22	0, 99
1 0 7	6, 16	2, 89	6, 04	0, 82
10	8, 86	2, 70	6, 69	0, 65
20	11, 30	2, 44	7, 14	0, 45
2 0 8	13, 40	2, 10	7, 37	0, 23
10	15, 09	1, 69	7, 37	0, 00
20	16, 32	1, 23	7, 14	0, 23
3 0 9	17, 05	0, 73	6, 71	0, 43
10	17, 27	0, 22	6, 08	0, 63
20	16, 97	0, 30	5, 26	0, 82
4 0 10	16, 14	0, 83	4, 27	0, 99
10	14, 82	1, 32	3, 15	1, 12
20	13, 06	1, 76	1, 93	1, 22
5 0 11	10, 90	2, 16	+ 0, 66 —	1, 27
10	8, 41	2, 49	— 0, 62 +	1, 28
20	5, 66	2, 75	1, 88	1, 26

Aquae ultima FOMALHAVT. 1. 79

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	341° 38′ 15″	+ 49,″81	LA CAILLE 30° 40′ 32″	— 19,″01
BRADLEY	341 38 19		BRADLEY 30 40 34	
TOB. MAYER	341 38 19		T. MAYER 30 40 29	
MASKELYNE	341 38 24		MASKELYNE 30 40 38	
			BARRY 30 40 39	
			LA LANDE 30 40 30	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 20,″23 +		+ 3,″87 —	
10	18, 65	1,″58	2, 13	1,″74
20	16, 51	2, 14	+ 0, 31 —	1, 82
1 0 7	13, 87	2, 64	— 1, 50 +	1, 81
10	10, 81	3, 06	3, 25	1, 75
20	7, 41	3, 40	4, 91	1, 66
2 0 8	3, 78	3, 63	6, 44	1, 53
10	— 0, 03 +	3, 75	7, 78	1, 34
20	+ 3, 72 —	3, 75	8, 87	1, 09
3 0 9	7, 34	3, 62	9, 68	0, 81
10	10, 74	3, 40	10, 21	0, 53
20	13, 82	3, 08	10, 42	0, 21
4 0 10	16, 48	2, 66	10, 32	0, 10
10	18, 64	2, 16	9, 91	0, 41
20	20, 22	1, 58	9, 19	0, 72
5 0 11	21, 19	0, 97	8, 19	1, 00
10	21, 52	0, 33	6, 95	1, 24
20	21, 20	0, 32	5, 50	1, 45

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 5,″37 —		+ 2,″99 —	
10	2, 22	3,″15	4, 12	1,″13
20	— 1, 00 +	3, 22	5, 11	0, 99
1 0 7	4, 18	3, 18	5, 95	0, 84
10	7, 23	3, 05	6, 62	0, 67
20	10, 08	2, 85	7, 09	0, 47
2 0 8	12, 63	2, 55	7, 33	0, 24
10	14, 79	2, 16	7, 35	0, 02
20	16, 48	1, 69	7, 14	0, 21
3 0 9	17, 67	1, 19	6, 73	0, 41
10	18, 34	0, 67	6, 11	0, 62
20	18, 46	0, 12	5, 30	0, 81
4 0 10	18, 00	0, 46	4, 33	0, 97
10	16, 99	1, 01	3, 23	1, 10
20	15, 46	1, 53	2, 03	1, 20
5 0 11	13, 48	1, 98	+ 0, 76 —	1, 27
10	11, 10	2, 38	— 0, 51 +	1, 27
20	8, 37	2, 73	1, 77	1, 26

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	343° 40′ 55″		CAILLE 8°46′ 24″	
BRADLEY	353 40 48		BRADL. 8 46 14	
TOB. MAYER	343 40 53		T. MAY. 8 46 8	
DE ZACH	343 40 48		BARRY 8 46 23	
		+ 46,″91	L.LAND. 8 46 6	— 19,″22

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″81 +		+ 7,″08 —	
10	16, 55	1,″26	6, 47	0,″61
20	14, 81	1, 74	5, 66	0, 81
1 0 7	12, 61	2, 20	4, 69	0, 97
10	10, 01	2, 60	3, 56	1, 13
20	7, 11	2, 90	2, 33	1, 23
2 0 8	3, 99	3, 12	+ 1, 02 —	1, 31
10	— 0, 76 +	3, 23	— 0, 33 +	1, 35
20	+ 2, 50 —	3, 26	1, 65	1, 32
3 0 9	5, 68	3, 18	2, 92	1, 27
10	8, 69	3, 01	4, 11	1, 18
20	11, 43	2, 74	5, 17	1, 06
4 0 10	13, 82	2, 39	6, 08	0, 91
10	15, 80	1, 98	6, 80	0, 72
20	17, 30	1, 50	7, 31	0, 51
5 0 11	18, 26	0, 96	7, 60	0, 29
10	18, 68	0, 42	7, 66	0, 06
20	18, 53	0, 15	7, 49	0, 17

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″42 —		+ 2,″68 —	
10	— 1, 50 +	2,″92	3, 83	1,″15
20	4, 37	2, 87	4, 85	1, 02
1 0 7	7, 11	2, 74	5, 72	0, 87
10	9, 62	2, 51	6, 42	0, 70
20	11, 85	2, 23	6, 94	0, 52
2 0 8	13, 72	1, 87	7, 24	0, 30
10	15, 17	1, 45	7, 32	0, 08
20	16, 15	0, 98	7, 17	0, 15
3 0 9	16, 65	0, 50	6, 81	0, 36
10	16, 65	0, 00	6, 25	0, 56
20	16, 14	0, 51	5, 49	0, 76
4 0 10	15, 13	1, 01	4, 57	0, 92
10	13, 66	1, 47	3, 50	1, 07
20	11, 78	1, 88	2, 34	1, 16
5 0 11	9, 55	2, 23	+ 1, 09 —	1, 25
10	7, 03	2, 52	— 0, 20 +	1, 29
20	4, 29	2, 74	1, 44	1, 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auft.	Var. ann. Decl. med.
FLAMSTEED	344° 41′ 44″	+ 48,″22	FLAMST 22°15′36″	— 19,″31
DE ZACH	344 41 20		BARRY 22 15 18	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″12 +		+ 5,″50 —	
10	17, 84	1,″28	4, 16	1,″34
20	16, 02	1, 82	2, 69	1, 47
1 0 7	13, 71	2, 31	+ 1, 13 —	1, 56
10	10, 99	2, 72	— 0, 46 +	1, 59
20	7, 93	3, 06	2, 05	1, 59
2 0 8	4, 63	3, 30	3, 58	1, 53
10	— 1, 19 +	3, 44	4, 99	1, 41
20	+ 2, 29 —	3, 48	6, 24	1, 25
3 0 9	5, 70	3, 41	7, 30	1, 06
10	8, 94	3, 24	8, 15	0, 85
20	11, 90	2, 96	8, 76	0, 61
4 0 10	14, 50	2, 60	9, 11	0, 35
10	16, 65	2, 15	9, 17	0, 06
20	18, 30	1, 65	8, 94	0, 23
5 0 11	19, 41	1, 11	8, 43	0, 51
10	19, 92	0, 51	7, 67	0, 76
20	19, 82	0, 10	6, 69	0, 98

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″76 —		+ 2,″51 —	
10	0, 72	3,″04	3, 66	1,″15
20	— 2, 34 +	3, 06	4, 69	1, 03
1 0 7	5, 29	2, 95	5, 59	0, 90
10	8, 14	2, 85	6, 33	0, 74
20	10, 72	2, 58	6, 87	0, 54
2 0 8	12, 96	2, 24	7, 19	0, 32
10	14, 80	1, 84	7, 29	0, 10
20	16, 20	1, 40	7, 18	0, 11
3 0 9	17, 12	0, 92	6, 85	0, 33
10	17, 51	0, 39	6, 31	0, 54
20	17, 38	0, 13	5, 58	0, 73
4 0 10	16, 71	0, 67	4, 68	0, 90
10	15, 53	1, 18	3, 63	1, 05
20	13, 89	1, 64	2, 48	1, 15
5 0 11	11, 82	2, 07	+ 1, 25 —	1, 23
10	9, 40	2, 42	— 0, 02 +	1, 27
20	6, 69	2, 71	1, 28	1, 26

Φ Aquarii, ſequitur tres contiguas ad (*h.*) 5. 90

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	345° 59′ 22″		CAILLE 7° 7′ 19″	
BRADLEY	345 59 23		BRADL. 7 7 21	
TOB. MAYER	345 59 27		T. MAY. 7 7 15	
DE LAMBRE	345 59 18	+	BARRY 7 7 27	—
DE ZACH	345 59 17	46,″63	L.LAND. 7 7 18	19.″44

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″94 +		+ 7,″35 —	
10	16, 83	1,″11	6, 84	0,″51
20	15, 19	1, 64	6, 10	0, 74
1 0 7	13, 09	2, 10	5, 18	0, 92
10	10, 60	2, 49	4, 10	1, 08
20	7, 79	2, 81	2, 90	1, 20
2 0 8	4, 75	3, 04	1, 61	1, 29
10	— 1, 56 +	3, 19	+ 0, 26 —	1, 35
20	+ 1, 68 —	3, 24	— 1, 09 +	1, 35
3 0 9	4, 87	3, 19	2, 40	1, 31
10	7, 91	3, 04	3, 64	1, 24
20	10, 71	2, 80	4, 77	1, 13
4 0 10	13, 19	2, 48	5, 76	0, 99
10	15, 26	2, 07	6, 57	0, 81
20	16, 87	1, 61	7, 18	0, 61
5 0 11	17, 97	1, 10	7, 57	0, 39
10	18, 53	0, 56	7, 74	0, 17
20	18, 52	0, 01	7, 67	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″15 —		+ 2,″30 —	
10	— 1, 75 +	2,″90	3, 46	1,″16
20	4, 60	2, 85	4, 52	1, 06
1 0 7	7, 30	2, 70	5, 44	0, 92
10	9, 77	2, 47	6, 20	0, 76
20	11, 94	2, 17	6, 76	0, 56
2 0 8	13, 76	1, 82	7, 12	0, 36
10	15, 17	1, 41	7, 26	0, 14
20	16, 11	0, 94	7, 18	0, 08
3 0 9	16, 56	0, 45	6, 89	0, 29
10	16, 51	0, 05	6, 39	0, 50
20	15, 96	0, 55	5, 69	0, 70
4 0 10	14, 92	1, 04	4, 81	0, 88
10	13, 43	1, 49	3, 79	1, 02
20	11, 53	1, 90	2, 66	1, 13
5 0 11	9, 28	2, 25	1, 45	1, 21
10	6, 76	2, 52	+ 0, 18 —	1, 27
20	4, 02	2, 74	— 1, 08 +	1, 26

1 ad ψ Aquarii, ſequitur (Φ) duarum auſtraliorum borea. 5. 91

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	346° 20′ 53″	+ 46,″88	CAILLE 10°10′32″	— 19,″47
BRADLEY	346 20 52		BRADL. 10 10 29	
TOB. MAYER	346 20 55		T. MAY. 10 10 22	
DE ZACH	346 20 59		BARRY 10 10 26	
			L.LAND. 10 10 21	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″10 +		+ 7,″08 —	
10	17, 00	1,″10	6, 37	0,″71
20	15, 37	1, 63	5, 48	0, 89
1 0 7	13, 27	2, 10	4, 41	1, 07
10	10, 78	2, 49	3, 21	1, 20
20	7, 96	2, 82	1, 92	1, 29
2 0 8	4, 90	3, 06	+ 0, 57 —	1, 35
10	— 1, 68 +	3, 22	— 0, 80 +	1, 37
20	+ 1, 59 —	3, 27	2, 15	1, 35
3 0 9	4, 81	3, 22	3, 43	1, 28
10	7, 88	3, 07	4, 60	1, 17
20	10, 71	2, 83	5, 64	1, 04
4 0 10	14, 21	2, 50	6, 50	0, 86
10	15, 31	2, 10	7, 16	0, 66
20	16, 95	1, 64	7, 61	0, 45
5 0 11	18, 09	1, 14	7, 84	0, 23
10	18, 67	0, 58	7, 82	0, 02
20	18, 67	0, 00	7, 56	0, 26

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″66 —		+ 2,″26 —	
10	— 1, 26 +	2,″92	3, 44	1,″18
20	4, 14	2, 88	4, 49	1, 05
1 0 7	6, 89	2, 75	5, 41	0, 92
10	9, 42	2, 53	6, 17	0, 76
20	11, 67	2, 25	6, 74	0, 57
2 0 8	13, 57	1, 90	7, 11	0, 37
10	15, 07	1, 50	7, 26	0, 15
20	16, 10	1, 03	7, 18	0, 08
3 0 9	16, 64	0, 54	6, 90	0, 28
10	16, 68	0, 04	6, 41	0, 49
20	16, 22	0, 46	5, 71	0, 70
4 0 10	15, 26	0, 96	4, 84	0, 87
10	13, 82	1, 44	3, 83	1, 01
20	11, 97	1, 85	2, 70	1, 13
5 0 11	9, 76	2, 21	1, 49	1, 21
10	7, 26	2, 50	+ 0, 22 —	1, 27
20	4, 53	2, 73	— 1, 03 +	1, 25

χ Aquarii, in flexura ad auſtrum. 6. 92

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	346° 37′ 14″	+ 46,″75	CAILLE 8°48′52″	— 19,″49
BRADLEY	346 37 14		BRADL. 8 48 52	
TOB. MAYER	346 37 17		T. MAY. 8 48 48	
DE ZACH	346 37 4		BARRY 8 48 52	
			L. LAND. 8 48 40	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″07 +		+ 7,″21 —	
10	16, 98	1,″09	6, 59	0,″62
20	15, 37	1, 61	5, 77	0, 82
1 0 7	13, 30	2, 07	4, 77	1, 00
10	10, 82	2, 48	3, 63	1, 14
20	8, 01	2, 81	2, 37	1, 26
2 0 8	4, 97	3, 04	+ 1, 04 —	1, 33
10	— 1, 77 +	3, 20	— 0, 33 +	1, 37
20	+ 1, 48 —	3, 25	1, 68	1, 35
3 0 9	4, 69	3, 21	2, 98	1, 30
10	7, 76	3, 07	4, 19	1, 21
20	10, 59	2, 83	5, 26	1, 07
4 0 10	13, 09	2, 50	6, 19	0, 93
10	15, 19	2, 10	6, 93	0, 74
20	16, 84	1, 65	7, 45	0, 52
5 0 11	17, 97	1, 13	7, 74	0, 29
10	18, 57	0, 60	7, 80	0, 06
20	18, 61	0, 04	7, 63	0, 17

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″44 —		+ 2,″21 —	
10	— 1, 47 +	2,″91	3, 38	1,″17
20	4, 33	2, 86	4, 45	1, 07
1 0 7	7, 06	2, 73	5, 38	0, 93
10	9, 57	2, 51	6, 15	0, 77
20	11, 79	2, 22	6, 72	0, 57
2 0 8	13, 66	1, 87	7, 10	0, 38
10	15, 11	1, 45	7, 25	0, 15
20	16, 10	0, 99	7, 18	0, 07
3 0 9	16, 60	0, 50	6, 90	0, 28
10	16, 60	0, 00	6, 42	0, 48
20	16, 10	0, 50	5, 74	0, 68
4 0 10	15, 10	1, 00	4, 87	0, 87
10	13, 64	1, 46	3, 86	1, 01
20	11, 77	1, 87	2, 73	1, 13
5 0 11	9, 54	2, 23	1, 52	1, 21
10	7, 03	2, 51	+ 0, 26 —	1, 26
20	4, 30	2, 73	— 0, 99 +	1, 25

2 ad ψ Aquarii, in flexura duarum ad auſtrum borea. 5. 93

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	346° 52′ 33″	+ 46,″86	CAILLE 10° 16′ 19″	— 19,″51
BRADLEY	346 52 33		BRADL. 10 16 18	
TOB. MAYER	346 52 37		T. MAY. 10 16 13	
DE ZACH	346 52 25		BARRY 10 16 18	
			L. LAND. 10 16 2	

Long. ⊙	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″16 +		+ 7,″11 —	
10	17, 09	1,″07	6, 39	0,″72
20	15, 49	1, 60	5, 48	0, 91
1 0 7	13, 42	2, 07	4, 41	1, 07
10	10, 95	2, 47	3, 21	1, 20
20	8, 15	2, 80	1, 91	1, 30
2 0 8	5, 10	3, 05	+ 0, 55 —	1, 36
10	— 1, 89 +	3, 21	— 0, 83 +	1, 38
20	+ 1, 38 —	3, 27	2, 18	1, 35
3 0 9	4, 60	3, 22	3, 47	1, 29
10	7, 69	3, 09	4, 65	1, 18
20	10, 54	2, 85	5, 68	1, 03
4 0 10	13, 07	2, 53	6, 55	0, 87
10	15, 21	2, 14	7, 21	0, 66
20	16, 89	1, 68	7, 67	0, 46
5 0 11	18, 04	1, 15	7, 88	0, 21
10	18, 65	0, 61	7, 85	0, 03
20	18, 69	0, 04	7, 60	0, 25

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″69 —		+ 2,″18 —	
10	— 1, 23 +	2,″92	3, 35	1,″17
20	4, 11	2, 88	4, 42	1, 07
1 0 7	6, 87	2, 76	5, 35	0, 93
10	9, 41	2, 54	6, 12	0, 77
20	11, 66	2, 25	6, 70	0, 58
2 0 8	13, 57	1, 91	7, 08	0, 38
10	15, 07	1, 50	7, 24	0, 16
20	16, 09	1, 02	7, 18	0, 06
3 0 9	16, 64	0, 55	6, 91	0, 27
10	16, 68	0, 04	6, 44	0, 47
20	16, 22	0, 46	5, 76	0, 68
4 0 10	15, 26	0, 96	4, 90	0, 86
10	13, 82	1, 44	3, 90	1, 00
20	11, 99	1, 85	2, 77	1, 13
5 0 11	9, 77	2, 20	1, 57	1, 20
10	7, 28	2, 49	+ 0, 31 —	1, 26
20	4, 56	2, 72	— 0, 94 +	1, 25

3 ad ψ Aquarii, auſtralior. 5. 95

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	347° 8′ 17″		CAILLE 10° 42′ 7″	
BRADLEY	347 8 14		BRADL. 10 42 6	
TOB. MAYER	347 8 19		T. MAY. 10 41 58	
DE ZACH	347 8 9	+ 46,″88	BARRY 10 42 3	—
			L.LAND. 10 41 57	19,″53

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″18 +		+ 7,″07 —	
10	17, 14	1,″04	6, 34	0,″73
20	15, 55	1, 59	5, 43	0, 91
1 0 7	13, 48	2, 07	4, 33	1, 10
10	11, 01	2, 47	3, 10	1, 23
20	8, 21	2, 80	1, 78	1, 32
2 0 8	5, 16	3, 05	+ 0, 41 —	1, 37
10	— 1, 96 +	3, 20	— 0, 98 +	1, 39
20	+ 1, 30 —	3, 26	2, 33	1, 35
3 0 9	4, 53	3, 23	3, 61	1, 28
10	7, 62	3, 09	4, 79	1, 18
20	10, 49	2, 87	5, 82	1, 03
4 0 10	13, 03	2, 54	6, 67	0, 85
10	15, 17	2, 14	7, 31	0, 64
20	16, 84	1, 67	7, 75	0, 44
5 0 11	18, 02	1, 18	7, 94	0, 19
10	18, 65	0, 63	7, 88	0, 06
20	18, 71	0, 06	7, 59	0, 29

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″75 —		+ 2,″13 —	
10	— 1, 16 +	2,″91	3, 30	1,″17
20	4, 05	2, 89	4, 37	1, 07
1 0 7	6, 82	2, 77	5, 31	0, 94
10	9, 37	2, 55	6, 09	0, 78
20	11, 63	2, 26	6, 68	0, 59
2 0 8	13, 54	1, 91	7, 06	0, 38
10	15, 05	1, 51	7, 23	0, 17
20	16, 11	1, 06	7, 18	0, 05
3 0 9	16, 66	0, 55	6, 92	0, 26
10	16, 70	0, 04	6, 45	0, 47
20	16, 25	0, 45	5, 78	0, 67
4 0 10	15, 30	0, 95	4, 92	0, 86
10	13, 88	1, 42	3, 92	1, 00
20	12, 04	1, 84	2, 81	1, 11
5 0 11	9, 84	2, 20	1, 62	1, 19
10	7, 35	2, 49	+ 0, 36 —	1, 26
20	4, 63	2, 72	— 0, 89 +	1, 25

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
FLAMSTEED	348° 53′ 34″	+ 47,″60	FLAMST 21° 44′ 21″	— 19,″68
DE ZACH	348 52 47		BARRY 21 44 8	
			L.I.AND. 21 43 59	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″38 +		+ 6,″06 —	
10	18, 36	1,″02	4, 70	1,″36
20	16, 80	1, 56	3, 21	1, 49
1 0 7	14, 72	2, 08	+ 1, 62 —	1, 59
10	12, 19	2, 53	— 0, 02 +	1, 64
20	9, 28	2, 91	1, 66	1, 64
2 0 8	6, 10	3, 18	3, 26	1, 60
10	— 2, 75 +	3, 35	4, 75	1, 49
20	+ 0, 70 —	3, 45	6, 10	1, 35
3 0 9	4, 14	3, 44	7, 27	1, 17
10	7, 45	3, 31	8, 21	0, 94
20	10, 53	3, 08	8, 89	0, 68
4 0 10	13, 28	2, 75	9, 32	0, 43
10	15, 64	2, 36	9, 46	0, 14
20	17, 51	1, 87	9, 32	0, 14
5 0 11	18, 85	1, 34	8, 89	0, 43
10	19, 63	0, 78	8, 18	0, 71
20	19, 81	0, 18	7, 23	0, 95

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″72 —		+ 1,″83 —	
10	0, 74	2,″98	3, 01	1,″18
20	— 2, 27 +	3, 01	4, 11	1, 10
1 0 7	5, 21	2, 94	5, 07	0, 96
10	7, 99	2, 78	5, 88	0, 81
20	10, 54	2, 55	6, 52	0, 64
2 0 8	12, 78	2, 24	6, 95	0, 43
10	14, 62	1, 84	7, 17	0, 22
20	15, 99	1, 37	7, 17	0, 00
3 0 9	16, 89	0, 90	6, 96	0, 21
10	17, 28	0, 39	6, 54	0, 42
20	17, 12	0, 16	5, 92	0, 62
4 0 10	16, 51	0, 61	5, 11	0, 81
10	15, 35	1, 16	4, 15	0, 96
20	13, 72	1, 63	3, 07	1, 08
5 0 11	11, 68	2, 04	1, 89	1, 18
10	9, 29	2, 39	+ 0, 66 —	1, 23
20	6, 62	2, 67	— 0, 60 +	1, 26

1 ad ω Aquarii, duar. propinquarum praeced. 5. 102

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	352° 21′ 37″	+ 46,″76	FLAMST 15° 19′ 43″	— 19,″86
DE ZACH	352 20 56		BARRY 15 19 30	
			L.LAND. 15 19 28	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″86 +		+ 7,″07 —	
10	18, 09	0,″77	6, 04	1,″03
20	16, 76	1, 33	4, 84	1, 20
1 0 7	14, 93	1, 83	3, 50	1, 34
10	12, 70	2, 23	2, 04	1, 46
20	10, 05	2, 65	+ 0, 51 —	1, 53
2 0 8	7, 08	2, 97	— 1, 01 +	1, 52
10	3, 89	3, 19	2, 51	1, 50
20	— 0, 60 +	3, 29	3, 94	1, 43
3 0 9	+ 2, 72 —	3, 32	5, 24	1, 30
10	5, 95	3, 23	6, 38	1, 14
20	9, 00	3, 05	7, 34	0, 96
4 0 10	11, 78	2, 78	8, 07	0, 73
10	14, 20	2, 42	8, 54	0, 47
20	16, 20	2, 00	8, 77	0, 23
5 0 11	17, 69	1, 49	8, 73	0, 04
10	18, 65	0, 96	8, 42	0, 31
20	19, 04	0, 39	7, 85	0, 57

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 2,″59 —		+ 1,″25 —	
10	— 0, 33 +	2,″92	2, 44	1,″19
20	3, 24	2, 91	3, 57	1, 13
1 0 7	6, 05	2, 81	4, 60	1, 03
10	9, 68	2, 63	5, 49	0, 89
20	11, 05	2, 37	6, 20	0, 71
2 0 8	13, 07	2, 02	6, 72	0, 52
10	14, 75	1, 68	7, 03	0, 31
20	15, 92	1, 17	7, 14	0, 11
3 0 9	16, 61	0, 69	7, 04	0, 10
10	16, 80	0, 19	6, 72	0, 32
20	16, 49	0, 31	6, 18	0, 54
4 0 10	15, 68	0, 81	5, 46	0, 72
10	14, 39	1, 29	4, 59	0, 87
20	12, 66	1, 73	3, 57	1, 02
5 0 11	10, 55	2, 11	2, 43	1, 14
10	8, 12	2, 43	+ 1, 22 —	1, 21
20	5, 44	2, 68	— 0, 02 +	1, 24

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	352° 48′ 38″	+ 46,″92	FLAMST 19° 7′ 31″	— 19,″89
DE ZACH	352 47 41		BARRY 19 7 48	
			L. LAND. 19 7 39	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″27 +		+ 6,″75 —	
10	18, 50	0,″77	5, 52	1,″23
20	17, 19	1, 31	4, 12	1, 40
1 0 7	15, 36	1, 83	2, 58	1, 54
10	13, 06	2, 30	+ 0, 98 —	1, 60
20	10, 35	2, 71	— 0, 65 +	1, 63
2 0 8	7, 33	3, 02	2, 27	1, 62
10	4, 10	3, 23	3, 82	1, 55
20	— 0, 73 +	3, 37	5, 24	1, 42
3 0 9	+ 2, 66 —	3, 39	6, 51	1, 27
10	5, 96	3, 30	7, 58	1, 07
20	9, 08	3, 12	8, 42	0, 84
4 0 10	11, 93	2, 85	9, 01	0, 59
10	14, 42	2, 49	9, 33	0, 32
20	16, 47	2, 05	9, 36	0, 03
5 0 11	18, 00	1, 53	9, 10	0, 26
10	18, 99	0, 99	8, 56	0, 54
20	19, 42	0, 43	7, 78	0, 78

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″28 —		+ 1,″18 —	
10	0, 33	2,″95	2, 39	1,″21
20	— 2, 62 +	2, 95	3, 53	1, 14
1 0 7	5, 48	2, 86	4, 55	1, 02
10	8, 19	2, 71	5, 44	0, 89
20	10, 65	2, 46	6, 16	0, 72
2 0 8	12, 79	2, 14	6, 68	0, 52
10	14, 53	1, 74	7, 01	0, 33
20	15, 84	1, 31	7, 14	0, 13
3 0 9	16, 66	0, 82	7, 05	0, 09
10	16, 98	0, 32	6, 73	0, 32
20	16, 79	0, 19	6, 21	0, 52
4 0 10	16, 07	0, 72	5, 50	0, 71
10	14, 87	1, 20	4, 63	0, 87
20	13, 22	1, 65	3, 62	1, 01
5 0 11	11, 17	2, 05	2, 49	1, 13
10	8, 78	2, 39	1, 29	1, 20
20	6, 13	2, 65	0, 05	1, 24

3 ad *A* Aquarii, trium in ſequ. flexu media. 5. 106

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
FLAMSTEED	353° 28′ 11″	+ 46,″85	FLAMST 19° 22′ 18″	— 19.″92
DE ZACH	353 27 6		BARRY 19 23 5	
			L.LAND. 19 22 54	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″33 +		+ 6,″77 —	
10	18, 61	0,″72	5, 55	1,″22
20	17, 32	1, 29	4, 16	1, 39
1 0 7	15, 52	1, 80	2, 63	1, 53
10	13, 26	2, 26	+ 1, 04 —	1, 59
20	10, 57	2, 71	— 0, 59 +	1, 63
2 0 8	7, 57	3, 00	2, 20	1, 61
10	4, 36	3, 21	3, 74	1, 54
20	— 1, 00 +	3, 36	5, 18	1, 44
3 0 9	+ 2, 40 —	3, 40	6, 46	1, 28
10	5, 72	3, 32	7, 54	1, 08
20	8, 85	3, 13	8, 38	0, 84
4 0 10	11, 72	2, 87	8, 98	0, 60
10	14, 24	2, 52	9, 31	0, 33
20	16, 34	2, 10	9, 36	0, 05
5 0 11	17, 93	1, 59	9, 11	0, 25
10	18, 97	1, 04	8, 58	0, 53
20	19, 44	0, 47	7, 79	0, 79

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 3,″33 —		+ 1,″06 —	
10	0, 39	2,″94	2, 27	1,″21
20	— 2, 56 +	2, 95	3, 41	1, 14
1 0 7	5, 43	2, 87	4, 45	1, 04
10	8, 14	2, 71	5, 35	0, 90
20	10, 62	2, 48	6, 09	0, 74
2 0 8	12, 78	2, 16	6, 64	0, 55
10	14, 52	1, 74	6, 98	0, 34
20	15, 81	1, 29	7, 12	0, 14
3 0 9	16, 63	0, 82	7, 05	0, 07
10	16, 96	0, 33	6, 76	0, 29
20	16, 78	0, 18	6, 27	0, 49
4 0 10	16, 08	0, 70	5, 58	0, 69
10	14, 89	1, 19	4, 72	0, 86
20	13, 24	1, 65	3, 72	1, 00
5 0 11	11, 20	2, 04	2, 60	1, 12
10	8, 83	2, 37	1, 40	1, 20
20	6, 18	2, 65	0, 16	1, 24

β Piscium, in ore piscis praeced. 5. 4

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	343° 25′ 35″	+ 45,″75	CAILLE 2°44′49″	+ 19,″20
BRADLEY	343 25 33		BRADL. 2 44 46	
TOB. MAYER	343 25 38		T. MAY. 2 44 50	
DE ZACH	343 25 25		BARRY 2 44 45	
			L. LAND. 2 44 59	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″59 +		— 8,″21 +	
10	16, 34	1,″25	8, 24	0,″03
20	14, 59	1, 75	8, 02	0, 22
1 0 7	12, 39	2, 20	7, 56	0, 46
10	9, 81	2, 58	6, 88	0, 68
20	6, 93	2, 88	5, 98	0, 90
2 0 8	3, 84	3, 09	4, 90	1, 08
10	— 0, 64 +	3, 20	3, 67	1, 23
20	+ 2, 58 —	3, 22	2, 33	1, 34
3 0 9	5, 72	3, 14	— 0, 91 +	1, 42
10	8, 68	2, 96	+ 0, 53 —	1, 44
20	11, 39	2, 71	1, 96	1, 43
4 0 10	13, 75	2, 36	3, 31	1, 35
10	15, 69	1, 94	4, 58	1, 27
20	17, 16	1, 47	5, 72	1, 14
5 0 11	18, 11	0, 95	6, 67	0, 95
10	18, 50	0, 39	7, 41	0, 74
20	18, 32	0, 18	7, 92	0, 51

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″44 +		— 2,″73 +	
10	3, 25	2,″81	3, 87	1,″14
20	5, 97	2, 72	4, 89	1, 02
1 0 7	8, 50	2, 53	5, 76	0, 87
10	10, 78	2, 28	6, 45	0, 69
20	12, 73	1, 95	6, 96	0, 51
2 0 8	14, 29	1, 56	7, 25	0, 29
10	15, 42	1, 13	7, 32	0, 07
20	16, 08	0, 66	7, 17	0, 15
3 0 9	16, 25	0, 17	6, 80	0, 37
10	15, 93	0, 32	6, 23	0, 57
20	15, 13	0, 80	5, 47	0, 76
4 0 10	13, 86	1, 27	4, 54	0, 93
10	12, 16	1, 69	3, 45	1, 09
20	10, 11	2, 06	2, 27	1, 18
5 0 11	7, 74	2, 37	— 1, 02 +	1, 25
10	5, 14	2, 60	+ 0, 26 —	1, 28
20	2, 39	2, 75	1, 55	1, 29

A Piscium. 6. 5

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	344° 36′ 32″	+ 45,″93	CAILLE 1° 2′ 28″	+ 19,″32
TOB. MAYER	344 36 35		T. MAY. 1 2 29	
DE ZACH	344 36 30		BARRY 1 2 31	
			L. LAND. 1 2 34	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″69 +		— 8,″04 +	
10	16, 49	1,″20	7, 98	0,″06
20	14, 83	1, 66	7, 69	0, 29
1 0 7	12, 66	2, 17	7, 16	0, 53
10	10, 14	2, 52	6, 40	0, 76
20	7, 31	2, 83	5, 45	0, 95
2 0 8	4, 25	3, 06	4, 32	1, 13
10	— 1, 06 +	3, 19	3, 08	1, 24
20	+ 2, 15 —	3, 21	1, 75	1, 33
3 0 9	5, 30	3, 15	— 0, 35 +	1, 42
10	8, 29	2, 99	+ 1, 07 —	1, 42
20	11, 04	2, 75	2, 44	1, 37
4 0 10	13, 44	2, 40	3, 73	1, 29
10	15, 43	1, 99	4, 92	1, 19
20	16, 95	1, 52	5, 96	1, 04
5 0 11	17, 97	1, 02	6, 82	0, 86
10	18, 45	0, 48	7, 46	0, 64
20	18, 35	0, 10	7, 86	0, 40

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
☊ 0 0 6	— 0,″17 +		— 2,″54 +	
10	3, 01	2,″84	3, 70	1,″16
20	5, 75	2, 74	4, 73	1, 03
1 0 7	8, 31	2, 56	5, 62	0, 89
10	10, 62	2, 31	6, 34	0, 72
20	12, 60	1, 98	6, 87	0, 53
2 0 8	14, 21	1, 61	7, 20	0, 33
10	15, 40	1, 19	7, 30	0, 10
20	16, 11	0, 71	7, 18	0, 12
3 0 9	16, 32	0, 21	6, 85	0, 33
10	16, 04	0, 28	6, 31	0, 54
20	15, 28	0, 76	5, 57	0, 74
4 0 10	14, 05	1, 23	4, 66	0, 91
10	12, 39	1, 66	3, 61	1, 05
20	10, 35	2, 04	2, 46	1, 15
5 0 11	8, 01	2, 34	— 1, 22 +	1, 24
10	5, 43	2, 58	+ 0, 05 —	1, 27
20	2, 67	2, 76	1, 31	1, 26

γ Piscium, duarum in occipite auſtralior. 4. 6

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	346° 41′ 35″	+ 45,″85	CAILLE 2° 11′ 29″	+ 19,″50
TOB. MAYER	346 41 38		T. MAY. 2 11 35	
DE ZACH	346 41 53		BARRY 2 11 31	
			L.LAND. 2 11 39	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″85 +		— 8,″12 +	
10	16, 80	1,″05	8, 12	0,″00
20	15, 22	1, 58	7, 88	0, 24
		2, 05		0, 47
1 0 7	13, 17		7, 41	
10	10, 73	2, 44	6, 71	0, 70
20	7, 96	2, 77	5, 80	0, 91
		3, 02		1, 10
2 0 8	4, 94		4, 70	
10	— 1, 78 +	3, 16	3, 47	1, 23
20	+ 1, 43 —	3, 21	2, 15	1, 32
		3, 17		1, 41
3 0 9	4, 60		— 0, 74 +	
10	7, 64	3, 04	+ 0, 69 —	1, 43
20	10, 44	2, 80	2, 09	1, 40
		2, 48		1, 33
4 0 10	12, 92		3, 42	
10	15, 00	2, 08	4, 66	1, 24
20	16, 63	1, 63	5, 76	1, 10
		1, 13		0, 91
5 0 11	17, 76		6, 67	
10	18, 36	0, 60	7, 39	0, 72
20	18, 40	0, 04	7, 86	0, 47

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″36 +		— 2,″20 +	
10	3, 18	2,″82	3, 37	1,″17
20	5, 91	2, 73	4, 44	1, 07
		2, 54		0, 93
1 0 7	8, 45		5, 37	
10	10, 74	2, 29	6, 14	0, 77
20	12, 70	1, 96	6, 71	0, 57
		1, 58		0, 38
2 0 8	14, 28		7, 09	
10	15, 43	1, 15	7, 25	0, 16
20	16, 10	0, 67	7, 19	0, 06
		0, 19		0, 28
3 0 9	16, 29		6, 91	
10	15, 98	0, 31	6, 43	0, 48
20	15, 19	0, 79	5, 74	0, 69
		1, 26		0, 86
4 0 10	13, 93		4, 88	
10	12, 25	1, 68	3, 88	1, 00
20	10, 19	2, 06	2, 74	1, 12
		2, 35		1, 21
5 0 11	7, 84		1, 55	
10	5, 28	2, 56	— 0, 28 +	1, 26
20	2, 48	2, 80	+ 0, 98 —	1, 26

b Piscium, duarum in occipite borealior. 5. 7

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	347° 32′ 25″		CAILLE 4° 17′ 34″	
TOB. MAYER	347 32 24		T. MAY. 4 17 40	
DE ZACH	347 32 17		BARRY 4 17 33	
		+ 45,″70	L. LAND. 4 17 37	+ 19,″56

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″94 +		— 8,″23 +	
10	16, 94	1,″02	8, 36	0,″13
20	15, 39	1, 54	8, 24	0, 12
1 0 7	13, 38	2, 01	7, 86	0, 38
10	10, 97	2, 41	7, 25	0, 61
20	8, 22	2, 75	6, 41	0, 84
2 0 8	5, 23	2, 99	5, 38	1, 03
10	— 2, 09 +	3, 14	4, 19	1, 19
20	+ 1, 12 —	3, 21	2, 87	1, 32
3 0 9	4, 31	3, 19	1, 46	1, 41
10	7, 38	3, 07	— 0, 00 +	1, 46
20	10, 23	2, 85	+ 1, 45 —	1, 45
4 0 10	12, 74	2, 51	2, 86	1, 41
10	14, 86	2, 12	4, 18	1, 32
20	16, 53	1, 67	5, 38	1, 20
5 0 11	17, 72	1, 19	6, 41	1, 03
10	18, 36	0, 64	7, 25	0, 84
20	18, 44	0, 08	7, 85	0, 60

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″70 +		— 2,″07 +	
10	3, 50	2,″80	3, 25	1,″18
20	6, 22	2, 72	4, 32	1, 07
1 0 7	8, 76	2, 54	5, 26	0, 94
10	11, 03	2, 27	6, 04	0, 78
20	12, 92	1, 89	6, 64	0, 60
2 0 8	14, 41	1, 49	7, 04	0, 40
10	15, 49	1, 08	7, 22	0, 18
20	16, 11	0, 62	7, 18	0, 04
3 0 9	16, 24	0, 13	6, 93	0, 25
10	15, 87	0, 37	6, 48	0, 45
20	15, 02	0, 85	5, 81	0, 67
4 0 10	13, 71	1, 31	4, 96	0, 85
10	11, 99	1, 72	3, 97	0, 99
20	9, 90	2, 09	2, 86	1, 11
5 0 11	7, 51	2, 39	1, 66	1, 20
10	4, 90	2, 61	— 0, 42 +	1, 24
20	2, 13	2, 77	+ 0, 84 —	1, 26

1 ad x Piscium, in ventre praecedens. 5. 8

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	349° 10′ 10″		CAILLE 0° 9′ 52″	
BRADLEY	349 10 15		BRADL. 0 9 50	
TOB. MAYER	349 10 19		T. MAY. 0 9 53	
DE ZACH	349 10 9	+ 46,″02	BARRY 0 9 46	+ 19,″68
			L. LAND. 0 9 55	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″02 +		— 7,″97 +	
10	17, 09	0,″93	7, 85	0,″12
20	15, 64	1, 45	7, 50	0, 35
1 0 7	13, 73	1, 91	6, 93	0, 57
10	11, 40	2, 33	6, 14	0, 79
20	8, 73	2, 67	5, 17	0, 97
2 0 8	5, 79	2, 94	4, 03	1, 14
10	— 2, 66 +	3, 13	2, 77	1, 26
20	+ 0, 54 —	3, 20	1, 43	1, 34
3 0 9	3, 73	3, 19	— 0, 05 +	1, 38
10	6, 81	3, 08	+ 1, 33 —	1, 38
20	9, 68	2, 87	2, 68	1, 33
4 0 10	12, 25	2, 57	3, 94	1, 26
10	14, 45	2, 20	5, 09	1, 15
20	16, 21	1, 76	6, 08	0, 99
5 0 11	17, 47	1, 26	6, 88	0, 80
10	18, 21	0, 74	7, 47	0, 59
20	18, 39	0, 18	7, 84	0, 37

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″03 +		— 1,″79 +	
10	2, 87	2,″84	2, 97	1,″18
20	5, 62	2, 75	4, 06	1, 09
1 0 7	8, 19	2, 57	5, 03	0, 97
10	10, 51	2, 32	5, 86	0, 83
20	12, 53	2, 02	6, 50	0, 64
2 0 8	14, 17	1, 64	6, 94	0, 44
10	15, 38	1, 21	7, 17	0, 23
20	16, 11	0, 73	7, 18	0, 01
3 0 9	16, 35	0, 24	6, 97	0, 21
10	16, 09	0, 26	6, 56	0, 41
20	15, 35	0, 74	5, 95	0, 61
4 0 10	14, 14	1, 21	5, 15	0, 80
10	12, 50	1, 64	4, 19	0, 96
20	10, 49	2, 01	3, 11	1, 08
5 0 11	8, 15	2, 34	1, 94	1, 17
10	5, 56	2, 59	— 0, 71 +	1, 23
20	2, 81	2, 75	+ 0, 55 —	1, 26

θ Piscium, duarum ſuper coſtis praecedens. 5. 10

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	349° 27′ 37″	+ 45,″68	CAILLE 5° 17′ 1″	+ 19,″70
TOB. MAYER	349 27 39		T. MAY. 5 17 1	
DE ZACH	349 27 21		BARRY 5 17 1	
			L.LAND. 5 17 2	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″11 +		— 8,″24 +	
10	17, 20	0,″91	8, 42	0,″18
20	15, 77	1, 43	8, 36	0, 06
1 0 7	13, 86	1, 91	8, 04	0, 32
10	11, 53	2, 33	7, 47	0, 57
20	8, 85	2, 68	6, 68	0, 79
2 0 8	5, 90	2, 95	5, 68	1, 00
10	— 2, 77 +	3, 13	4, 51	1, 17
20	+ 0, 45 —	3, 22	3, 21	1, 30
3 0 9	3, 65	3, 20	1, 81	1, 40
10	6, 74	3, 09	— 0, 35 +	1, 46
20	9, 63	2, 89	+ 1, 12 —	1, 47
4 0 10	12, 22	2, 59	2, 55	1, 43
10	14, 43	2, 21	3, 91	1, 36
20	16, 21	1, 78	5, 16	1, 25
5 0 11	17, 51	1, 30	6, 24	1, 08
10	18, 26	0, 75	7, 13	0, 89
20	18, 47	0, 21	7, 80	0, 67

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″87 +		— 1,″74 +	
10	3, 67	2,″80	2, 93	1,″19
20	6, 37	2, 70	4, 03	1, 10
1 0 7	8, 88	2, 51	5, 00	0, 97
10	11, 11	2, 23	5, 83	0, 83
20	12, 99	1, 88	6, 47	0, 64
2 0 8	14, 49	1, 50	6, 91	0, 44
10	15, 55	1, 06	7, 15	0, 24
20	16, 13	0, 58	7, 18	0, 03
3 0 9	16, 23	0, 10	6, 98	0, 20
10	15, 83	0, 40	6, 57	0, 41
20	14, 96	0, 87	5, 96	0, 61
4 0 10	13, 62	1, 34	5, 16	0, 80
10	11, 87	1, 75	4, 22	0, 94
20	9, 77	2, 10	3, 15	1, 07
5 0 11	7, 37	2, 40	1, 98	1, 17
10	4, 74	2, 63	— 0, 75 +	1, 23
20	1, 96	2, 78	+ 0, 51 —	1, 26

12 Piscium. 6. 12

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	349° 48′ 51″	+ 46,″16	CAILLE 2° 8′ 4″	— 19,″72
TOB. MAYER	349 48 56		T. MAY. 2 8 1	
DE ZACH	349 48 41		BARRY 2 8 7	
			L.LAND. 2 7 56	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″06 +		+ 7,″84 —	
10	17, 18	0,″88	7, 60	0,″24
20	15, 77	1, 41	7, 13	0, 47
1 0 7	13, 88	1, 89	6, 45	0, 68
10	11, 57	2, 31	5, 56	0, 89
20	8, 91	2, 66	4, 50	1, 06
2 0 8	5, 97	2, 94	3, 32	1, 18
10	— 2, 85 +	3, 12	2, 03	1, 29
20	+ 0, 35 —	3, 20	+ 0, 68 —	1, 35
3 0 9	3, 54	3, 19	— 0, 69 +	1, 37
10	6, 62	3, 08	2, 04	1, 35
20	9, 50	2, 88	3, 33	1, 29
4 0 10	12, 09	2, 59	4, 52	1, 19
10	14, 32	2, 23	5, 57	1, 05
20	16, 12	1, 80	6, 45	0, 88
5 0 11	17, 42	1, 30	7, 13	0, 68
10	18, 18	0, 76	7, 59	0, 46
20	18, 40	0, 22	7, 84	0, 25

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″33 —		+ 1,″70 —	
10	— 2, 52 +	2,″85	2, 89	1,″19
20	5, 29	2, 77	3, 99	1, 10
1 0 7	7, 89	2, 60	4, 96	0, 97
10	10, 26	2, 37	5, 79	0, 83
20	12, 33	2, 07	6, 44	0, 65
2 0 8	14, 03	1, 70	6, 89	0, 45
10	15, 30	1, 27	7, 13	0, 24
20	16, 09	0, 79	7, 16	0, 03
3 0 9	16, 40	0, 31	6, 98	0, 18
10	16, 21	0, 19	6, 59	0, 39
20	15, 53	0, 68	6, 00	0, 59
4 0 10	14, 38	1, 15	5, 21	0, 79
10	12, 79	1, 59	4, 27	0, 94
20	10, 81	1, 98	3, 20	1, 07
5 0 11	8, 50	2, 31	2, 03	1, 17
10	5, 94	2, 56	+ 0, 80 —	1, 23
20	3, 19	2, 75	— 0, 46 +	1, 26

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	352° 24′ 49″		CAILLE 4°32′58″	
TOB. MAYER	352 24 53		T. MAY. 4 33 3	
DE ZACH	352 24 55		BARRY 4 32 42	
		+ 45,″81	L.LAND. 4 32 48	+ 19,″86

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″25 +		— 8,″13 +	
10	17, 50	0,″75	8, 28	0,″15
20	16, 22	1, 28	8, 18	0, 10
		1, 76		0, 36
1 0 7	14, 46		7, 82	
10	12, 26	2, 20	7, 23	0, 59
20	9, 69	2, 57	6, 42	0, 81
		2, 86		1, 00
2 0 8	6, 83		5, 42	
10	3, 75	3, 08	4, 26	1, 16
20	— 0, 56 +	3, 19	2, 97	1, 29
		3, 21		1, 40
3 0 9	+ 2, 65 —		1, 57	
10	5, 77	3, 12	— 0, 13 +	1, 44
20	8, 72	2, 95	+ 1, 31 —	1, 44
		2, 69		1, 40
4 0 10	11, 41		2, 71.	
10	13, 75	2, 34	4, 02	1, 31
20	15, 67	1, 92	5, 22	1, 20
		1, 45		1, 04
5 0 11	17, 12		6, 26	
10	18, 04	0, 92	7, 11	0, 85
20	18, 42	0, 38	7, 74	0, 63

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″75 +		— 1,″26 +	
10	3, 57	2,″82	2, 45	1,″19
20	6, 28	2, 71	3, 59	1, 14
		2, 52		1, 03
1 0 7	8, 78		4, 62	
10	11, 03	2, 25	5, 50	0, 88
20	12, 94	1, 91	6, 21	0, 71
		1, 53		0, 52
2 0 8	14, 47		6, 73	
10	15, 55	1, 08	7, 05	0, 32
20	16, 16	0, 61	7, 16	0, 11
		0, 12		0, 12
3 0 9	16, 28		7, 04	
10	15, 90	0, 38	6, 72	0, 32
20	15, 04	0, 86	6, 19	0, 53
		1, 32		0, 73
4 0 10	13, 72		5, 46	
10	11, 99	1, 73	4, 57	0, 89
20	9, 89	2, 10	3, 55	1, 02
		2, 41		1, 13
5 0 11	7, 48		2, 42	
10	4, 85	2, 63	— 1, 21 +	1, 21
20	2, 08	2, 77	+ 0, 03 —	1, 24

λ Piscium; duarum in ventre ſequens. 5. 18

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	352° 57′ 26″		CAILLE 0°40′52″	
BRADLEY	352 57 30		BRADL. 0 40 55	
TOB. MAYER	352 57 35		T. MAY. 0 41 1	
DE ZACH	352 57 36		BARRY 0 40 54	
		+ 45,″99	L. LAND. 0 41 2	+ 19,″89

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″21 +	0,″70	— 7,″98 +	0,″08
10	17, 51	1, 24	7, 90	0, 31
20	16, 27	1, 71	7, 59	0, 54
1 0 7	14, 56	2, 16	7, 05	0, 76
10	12, 40	2, 55	6, 29	0, 96
20	9, 85	2, 85	5, 33	1, 13
2 0 8	7, 00	3, 06	4, 20	1, 24
10	3, 94	3, 17	2, 96	1, 34
20	— 0, 77 +	3, 20	1, 62	1, 39
3 0 9	+ 2, 43 —	3, 12	— 0, 23 +	1, 40
10	5, 55	2, 95	+ 1, 17 —	1, 35
20	8, 50	2, 69	2, 52	1, 27
4 0 10	11, 19	2, 34	3, 79	1, 16
10	13, 53	1, 95	4, 95	1, 02
20	15, 48	1, 49	5, 97	0, 85
5 0 11	16, 97	0, 96	6, 82	0, 62
10	17, 93	0, 42	7, 44	0, 39
20	18, 35		7, 83	

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″11 +	2,″84	— 1,″15 +	1,″21
10	2, 95	2, 75	2, 36	1, 14
20	5, 70	2, 58	3, 50	1, 03
1 0 7	8, 28	2, 32	4, 53	0, 89
10	10, 60	1, 99	5, 42	0, 72
20	12, 59	1, 62	6, 14	0, 53
2 0 8	14, 21	1, 19	6, 67	0, 34
10	15, 40	0, 71	7, 01	0, 13
20	16, 11	0, 23	7, 14	0, 09
3 0 9	16, 34	0, 27	7, 05	0, 31
10	16, 07	0, 75	6, 74	0, 51
20	15, 32	1, 22	6, 23	0, 71
4 0 10	14, 10	1, 66	5, 52	0, 86
10	12, 44	2, 03	4, 66	1, 02
20	10, 41	2, 34	3, 64	1, 13
5 0 11	8, 07	2, 58	2, 51	1, 20
10	5, 49	2, 76	1, 31	1, 24
20	2, 73		0, 07	

19 Piscium. 5. 19

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	354° 2′ 44″		CAILLE 2° 22′ 44″	
BRADLEY	354 2 46		BRADL. 2 22 39	
TOB. MAYER	354 2 50		T. MAY. 2 22 46	
DE ZACH	354 2 36		BARRY 2 22 41	
		+ 45,″93	L.LAND. 2 22 52	+ 19,″94

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″27 +		— 8,″04 +	
10	17, 63	0,″64	8, 06	0,″02
20	16, 44	1, 19	7, 84	0, 22
1 0 7	14, 76	1, 68	7, 37	0, 47
10	12, 65	2, 11	6, 69	0, 68
20	10, 15	2, 50	5, 81	0, 88
2 0 8	7, 33	2, 82	4, 75	1, 06
10	4, 29	3, 04	3, 53	1, 22
20	— 1, 12 +	3, 17	2, 21	1, 32
3 0 9	+ 2, 08 —	3, 20	— 0, 82 +	1, 39
10	5, 21	3, 13	+ 0, 60 —	1, 42
20	8, 19	2, 98	1, 99	1, 39
4 0 10	10, 92	2, 73	3, 31	1, 32
10	13, 32	2, 40	4, 55	1, 24
20	15, 32	2, 00	5, 64	1, 09
5 0 11	16, 84	1, 52	6, 56	0, 92
10	17, 86	1, 02	7, 29	0, 73
20	18, 35	0, 49	7, 78	0, 49

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″39 +		— 0,″99 +	
10	3, 22	2,″83	2, 20	1,″21
20	5, 96	2, 74	3, 35	1, 15
1 0 7	8, 51	2, 55	4, 39	1, 04
10	10, 79	2, 28	5, 30	0, 91
20	12, 75	1, 96	6, 05	0, 75
2 0 8	14, 33	1, 58	6, 61	0, 56
10	15, 48	1, 15	6, 97	0, 36
20	16, 15	0, 67	7, 13	0, 16
3 0 9	16, 32	0, 17	7, 07	0, 06
10	16, 00	0, 32	6, 79	0, 28
20	15, 20	0, 80	6, 30	0, 49
4 0 10	13, 93	1, 27	5, 62	0, 68
10	12, 24	1, 69	4, 77	0, 85
20	10, 19	2, 05	3, 78	0, 99
5 0 11	7, 83	2, 36	2, 67	1, 11
10	5, 22	2, 61	1, 47	1, 20
20	2, 45	2, 77	0, 24	1, 23

21 Piscium. 6. 21

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	354° 48′ 21″	+ 46,″02	CAILLE 0° 1′ 44″	— 19,″96
TOB. MAYER	354 48 29		T. MAY. 0 1 56	
DE ZACH	354 48 14		BARRY 0 1 59	
			L. LAND. 0 1 49	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	— 18,″28 +		+ 7,″96 —	
10	17, 69	0,″59	7, 84	0,″12
20	16, 55	1, 14	7, 48	0, 36
1 0 7	14, 92	1, 63	6, 90	0, 58
10	12, 84	2, 08	6, 10	0, 80
20	10, 36	2, 48	5, 12	0, 98
2 0 8	7, 56	2, 80	3, 98	1, 14
10	4, 55	3, 02	2, 72	1, 26
20	— 1, 38 +	3, 16	1, 38	1, 34
3 0 9	+ 1, 82 —	3, 20	+ 0, 00 —	1, 38
10	4, 96	3, 14	— 1, 38 +	1, 38
20	7, 94	2, 98	2, 72	1, 34
4 0 10	10, 70	2, 76	3, 98	1, 26
10	13, 14	2, 44	5, 12	1, 14
20	15, 18	2, 04	6, 10	0, 98
5 0 11	16, 73	1, 55	6, 90	0, 80
10	17, 78	1, 05	7, 48	0, 58
20	18, 31	0, 53	7, 84	0, 36

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″01 —		+ 0,″87 —	
10	— 2, 83 +	2,″84	2, 09	1,″22
20	5, 59	2, 76	3, 24	1, 15
1 0 7	8, 18	2, 59	4, 29	1, 05
10	10, 52	2, 34	5, 22	0, 93
20	12, 53	2, 01	5, 98	0, 76
2 0 8	14, 16	1, 63	6, 56	0, 58
10	15, 37	1, 21	6, 95	0, 39
20	16, 10	0, 73	7, 13	0, 18
3 0 9	16, 35	0, 25	7, 09	0, 04
10	16, 10	0, 25	6, 82	0, 27
20	15, 37	0, 73	6, 34	0, 48
4 0 10	14, 16	1, 21	5, 67	0, 67
10	12, 52	1, 64	4, 85	0, 82
20	10, 51	2, 01	3, 88	0, 97
5 0 11	8, 19	2, 32	2, 77	1, 11
10	5, 61	2, 58	1, 59	1, 18
20	2, 85	2, 76	0, 36	1, 23

26 Piscium. 6. 26

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
TOB. MAYER	356° 13′ 34″	+ 45,″88	T. MAY. 5°57′40″	+ 20,″00
DE ZACH	356 13 28		BARRY 5 57 38	
			L.I.AND. 5 57 38	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″41 +		— 8,″05 +	
10	17, 89	0,″52	8, 30	0,″25
20	16, 84	1, 05	8, 28	0, 02
1 0 7	15, 29	1, 55	8, 01	0, 27
10	13, 25	2, 04	7, 50	0, 51
20	10, 81	2, 44	6, 76	0, 74
2 0 8	8, 05	2, 76	5, 83	0, 93
10	5, 06	2, 99	4, 71	1, 12
20	— 1, 89 +	3, 17	3, 45	1, 26
3 0 9	+ 1, 32 —	3, 21	2, 08	1, 37
10	4, 49	3, 17	— 0, 64 +	1, 44
20	7, 54	3, 05	+ 0, 80 —	1, 44
4 0 10	10, 36	2, 82	2, 21	1, 41
10	12, 85	2, 49	3, 57	1, 36
20	14, 94	2, 09	4, 83	1, 26
5 0 11	16, 59	1, 65	5, 93	1, 10
10	17, 75	1, 16	6, 84	0, 91
20	18, 36	0, 61	7, 55	0, 71

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″99 +		— 0,″64 +	
10	3, 82	2,″83	1, 85	1,″21
20	6, 52	2, 70	3, 02	1, 17
1 0 7	9, 01	2, 49	4, 10	1, 08
10	11, 23	2, 22	5, 04	0, 94
20	13, 12	1, 89	5, 83	0, 79
2 0 8	14, 62	1, 50	6, 44	0, 61
10	15, 66	1, 04	6, 86	0, 42
20	16, 22	0, 56	7, 08	0, 22
3 0 9	16, 30	0, 08	7, 09	0, 01
10	15, 88	0, 42	6, 87	0, 22
20	14, 98	0, 90	6, 43	0, 44
4 0 10	13, 62	1, 36	5, 80	0, 63
10	11, 85	1, 77	5, 01	0, 79
20	9, 72	2, 13	4, 07	0, 94
5 0 11	7, 30	2, 42	2, 99	1, 08
10	4, 67	2, 63	1, 81	1, 18
20	1, 88	2, 79	0, 59	1, 22

ω Piscium, in cauda piscis praecedens. 5. 28

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	357° 15′ 41″		CAILLE 5°45′36″	
BRADLEY	357 15 40		BRADL. 5 45 28	
TOB. MAYER	357 15 44		T. MAY. 5 45 30	
DE ZACH	357 15 37	+ 45,″92	BARRY 5 45 24	+ 20,″02
			L. LAND. 5 45 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″41 +		— 8,″00 +	
10	17, 96	0,″45	8, 24	0,″24
20	16, 97	0, 99	8, 22	0, 02
1 0 7	15, 48	1, 49	7, 94	0, 28
10	14, 51	1, 97	7, 43	0, 51
20	11, 12	2, 39	6, 69	0, 74
2 0 8	8, 39	2, 73	5, 75	0, 94
10	5, 42	2, 97	4, 63	1, 12
20	— 2, 28 +	3, 14	3, 36	1, 27
3 0 9	+ 0, 93 —	3, 21	2, 00	1, 36
10	4, 12	3, 19	— 0, 57 +	1, 43
20	7, 18	3, 06	+ 0, 87 —	1, 44
4 0 10	10, 02	2, 84	2, 27	1, 40
10	12, 55	2, 53	3, 62	1, 35
20	14, 70	2, 15	4, 86	1, 24
5 0 11	16, 40	1, 70	5, 94	1, 08
10	17, 62	1, 22	6, 85	0, 91
20	18, 29	0, 67	7, 55	0, 70

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″96 +		— 0,″45 +	
10	3, 78	2,″82	1, 67	1,″22
20	6, 49	2, 71	2, 85	1, 18
1 0 7	8, 99	2, 50	3, 95	1, 10
10	11, 22	2, 23	4, 92	0, 97
20	13, 11	1, 89	5, 74	0, 82
2 0 8	14, 61	1, 50	6, 38	0, 64
10	15, 66	1, 05	6, 82	0, 44
20	16, 23	0, 57	7, 07	0, 25
3 0 9	16, 31	0, 08	7, 10	0, 03
10	15, 90	0, 41	6, 91	0, 19
20	15, 01	0, 89	6, 51	0, 40
4 0 10	13, 65	1, 35	5, 91	0, 60
10	11, 88	1, 77	5, 13	0, 78
20	9, 75	2, 13	4, 21	0, 92
5 0 11	7, 33	2, 42	3, 16	1, 05
10	4, 68	2, 65	2, 00	1, 16
20	1, 89	2, 79	0, 78	1, 22

29 Piscium, duar. bor. in quadrilatero sequens. 5. 29

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auct.	Var. ann. Decl. med.
DE LA CAILLE	357° 53′ 39″	+	CAILLE 4° 8′ 21″	—
BRADLEY	357 53 39		BRADL. 4 8 27	
TOB. MAYER	357 53 46		T. MAY. 4 8 20	
DE ZACH	357 53 33	46,″08	BARRY 4 8 24	
			L. LAND. 4 8 22	20,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″39 +		+ 7,″90 —	
10	17, 97	0,″42	7, 54	0,″36
20	17, 01	0, 96	6, 94	0, 60
1 0 7	15, 55	1, 46	6, 13	0, 81
10	13, 61	1, 94	5, 13	1, 00
20	11, 25	2, 36	3, 97	1, 16
2 0 8	8, 55	2, 70	2, 70	1, 27
10	5, 61	2, 94	+ 1, 35 —	1, 35
20	— 2, 48 +	3, 13	— 0, 04 +	1, 39
3 0 9	+ 0, 73 —	3, 21	1, 44	1, 40
10	3, 92	3, 19	2, 79	1, 35
20	6, 99	3, 07	4, 05	1, 26
4 0 10	9, 83	2, 84	5, 19	1, 14
10	12, 37	2, 54	6, 17	0, 98
20	14, 56	2, 19	6, 97	0, 80
5 0 11	16, 29	1, 73	7, 56	0, 59
10	17, 53	1, 24	7, 92	0, 36
20	18, 23	0, 70	8, 03	0, 11

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″69 —		+ 0,″37 —	
10	— 2, 16 +	2,″85	1, 59	1,″22
20	4, 95	2, 79	2, 78	1, 19
1 0 7	7, 58	2, 63	3, 87	1, 09
10	9, 99	2, 41	4, 84	0, 97
20	12, 09	2, 10	5, 67	0, 83
2 0 8	13, 83	1, 74	6, 32	0, 65
10	15, 15	1, 32	6, 78	0, 46
20	16, 00	0, 85	7, 05	0, 27
3 0 9	16, 37	0, 37	7, 10	0, 05
10	16, 24	0, 13	6, 93	0, 17
20	15, 62	0, 62	6, 55	0, 38
4 0 10	14, 52	1, 10	5, 96	0, 59
10	12, 98	1, 54	5, 19	0, 77
20	11, 05	1, 93	4, 27	0, 92
5 0 11	8, 78	2, 27	3, 23	1, 04
10	6, 25	2, 53	2, 07	1, 16
20	3, 52	2, 73	0, 86	1, 21

ω Piscium, in cauda piscis praecedens. 5. 28

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	357° 15′ 41″		CAILLE 5°45′36″	
BRADLEY	357 15 40		BRADL. 5 45 28	
TOB. MAYER	357 15 44		T. MAY. 5 45 30	
DE ZACH	357 15 37		BARRY 5 45 24	
		+ 45,″92	L. LAND. 5 45 27	+ 20,″02

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″41 +		— 8,″00 +	
10	17, 96	0,″45	8, 24	0,″24
20	16, 97	0, 99	8, 22	0, 02
		1, 49		0, 28
1 0 7	15, 48		7, 94	
10	14, 51	1, 97	7, 43	0, 51
20	11, 12	2, 39	6, 69	0, 74
		2, 73		0, 94
2 0 8	8, 39		5, 75	
10	5, 42	2, 97	4, 63	1, 12
20	— 2, 28 +	3, 14	3, 36	1, 27
		3, 21		1, 36
3 0 9	+ 0, 93 —		2, 00	
10	4, 12	3, 19	— 0, 57 +	1, 43
20	7, 18	3, 06	+ 0, 87 —	1, 44
		2, 84		1, 40
4 0 10	10, 02		2, 27	
10	12, 55	2, 53	3, 62	1, 35
20	14, 70	2, 15	4, 86	1, 24
		1, 70		1, 08
5 0 11	16, 40		5, 94	
10	17, 62	1, 22	6, 85	0, 91
20	18, 29	0, 67	7, 55	0, 70

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″96 +		— 0,″45 +	
10	3, 78	2,″82	1, 67	1,″22
20	6, 49	2, 71	2, 85	1, 18
		2, 50		1, 10
1 0 7	8, 99		3, 95	
10	11, 22	2, 23	4, 92	0, 97
20	13, 11	1, 89	5, 74	0, 82
		1, 50		0, 64
2 0 8	14, 61		6, 38	
10	15, 66	1, 05	6, 82	0, 44
20	16, 23	0, 57	7, 07	0, 25
		0, 08		0, 03
3 0 9	16, 31		7, 10	
10	15, 90	0, 41	6, 91	0, 19
20	15, 01	0, 89	6, 51	0, 40
		1, 35		0, 60
4 0 10	13, 65		5, 91	
10	11, 88	1, 77	5, 13	0, 78
20	9, 75	2, 13	4, 21	0, 92
		2, 42		1, 05
5 0 11	7, 33		3, 16	
10	4, 68	2, 65	2, 00	1, 16
20	1, 89	2, 79	0, 78	1, 22

29 Piscium, duar. bor. in quadrilatero sequens. 5. 29

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	357° 53′ 39″	+	CAILLE 4° 8′ 21″	—
BRADLEY	357 53 39	46,″08	BRADL. 4 8 27	20,″03
TOB. MAYER	357 53 46		T. MAY. 4 8 20	
DE ZACH	357 53 33		BARRY 4 8 24	
			L. LAND. 4 8 22	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″39 +		+ 7,″90 —	
10	17, 97	0,″42	7, 54	0,″36
20	17, 01	0, 96	6, 94	0, 60
1 0 7	15, 55	1, 46	6, 13	0, 81
10	13, 61	1, 94	5, 13	1, 00
20	11, 25	2, 36	3, 97	1, 16
2 0 8	8, 55	2, 70	2, 70	1, 27
10	5, 61	2, 94	+ 1, 35 —	1, 35
20	— 2, 48 +	3, 13	— 0, 04 +	1, 39
3 0 9	+ 0, 73 —	3, 21	1, 44	1, 40
10	3, 92	3, 19	2, 79	1, 35
20	6, 99	3, 07	4, 05	1, 26
4 0 10	9, 83	2, 84	5, 19	1, 14
10	12, 37	2, 54	6, 17	0, 98
20	14, 56	2, 19	6, 97	0, 80
5 0 11	16, 29	1, 73	7, 56	0, 59
10	17, 53	1, 24	7, 92	0, 36
20	18, 23	0, 70	8, 03	0, 11

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 0,″69 —		+ 0,″37 —	
10	— 2, 16 +	2,″85	1, 59	1,″22
20	4, 95	2, 79	2, 78	1, 19
1 0 7	7, 58	2, 63	3, 87	1, 09
10	9, 99	2, 41	4, 84	0, 97
20	12, 09	2, 10	5, 67	0, 83
2 0 8	13, 83	1, 74	6, 32	0, 65
10	15, 15	1, 32	6, 78	0, 46
20	16, 00	0, 85	7, 05	0, 27
3 0 9	16, 37	0, 37	7, 10	0, 05
10	16, 24	0, 13	6, 93	0, 17
20	15, 62	0, 62	6, 55	0, 38
4 0 10	14, 52	1, 10	5, 96	0, 59
10	12, 98	1, 54	5, 19	0, 77
20	11, 05	1, 93	4, 27	0, 92
5 0 11	8, 78	2, 27	3, 23	1, 04
10	6, 25	2, 53	2, 07	1, 16
20	3, 52	2, 73	0, 86	1, 21

30 Piscium, duarum in australi latere quadrilateri praecedens. 5. 30

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	357° 55′ 31″		CAILLE 7° 7′ 34″	
BRADLEY	357 55 32		BRADL. 7 7 32	
TOB. MAYER	357 55 36		T. MAY. 7 7 22	
DE ZACH	357 55 25	+ 46,″12	BARRY 7 7 24	— 20,″03
			L.LAND. 7 7 25	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″48 +		+ 7,″82 —	
10	18, 06	0,″42	7, 28	0,″54
20	17, 09	0, 97	6, 52	0, 76
1 0 7	15, 63	1, 46	5, 55	0, 97
10	13, 68	1, 95	4, 41	1, 14
20	11, 31	2, 37	3, 13	1, 28
2 0 8	8, 59	2, 72	1, 77	1, 36
10	5, 64	2, 95	+ 0, 36 —	1, 41
20	— 2, 49 +	3, 15	— 1, 07 +	1, 43
3 0 9	+ 0, 73 —	3, 22	2, 48	1, 41
10	3, 94	3, 21	3, 81	1, 33
20	7, 02	3, 08	5, 01	1, 20
4 0 10	9, 87	2, 85	6, 06	1, 05
10	12, 43	2, 56	6, 92	0, 86
20	14, 63	2, 20	7, 58	0, 66
5 0 11	16, 37	1, 74	8, 01	0, 43
10	17, 61	1, 24	8, 20	0, 19
20	18, 31	0, 70	8, 13	0, 07

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	+ 1,″20 —		+ 0,″37 —	
10	— 1, 67 +	2,″87	1, 59	1,″22
20	4, 48	2, 81	2, 78	1, 19
1 0 7	7, 15	2, 67	3, 87	1, 09
10	9, 61	2, 46	4, 84	0, 97
20	11, 78	2, 17	5, 67	0, 83
2 0 8	13, 59	1, 81	6, 32	0, 65
10	14, 99	1, 40	6, 78	0, 46
20	15, 92	0, 93	7, 05	0, 27
3 0 9	16, 38	0, 46	7, 10	0, 05
10	16, 34	0, 04	6, 93	0, 17
20	15, 81	0, 53	6, 55	0, 38
4 0 10	14, 79	1, 02	5, 96	0, 59
10	13, 31	1, 48	5, 19	0, 77
20	11, 44	1, 87	4, 27	0, 92
5 0 11	9, 22	2, 22	3, 23	1, 04
10	6, 73	2, 49	2, 07	1, 16
20	4, 03	2, 70	0, 86	1, 21

2 ad *c* Piscium, supra octavam (ω) ad ortum. 5. 32

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	358° 4′ 21″		CAILLE 7°22′36″	
TOB. MAYER	358 4 23		T. MAY. 7 22 33	
DE ZACH	358 4 8	+ 45,″93	BARRY 7 22 30	
			L. LAND. 7 22 34	+ 20,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″49 +		— 7,″98 +	
10	18, 09	0,″40	8, 30	0,″32
20	17, 14	0, 95	8, 38	0, 08
1 0 7	15, 68	1, 46	8, 20	0, 18
10	13, 72	1, 94	7, 77	0, 43
20	11, 35	2, 37	7, 10	0, 67
2 0 8	8, 66	2, 71	6, 21	0, 89
10	5, 70	2, 96	5, 15	1, 06
20	— 2, 56 +	3, 14	3, 92	1, 23
3 0 9	+ 0, 67 —	3, 23	2, 57	1, 35
10	3, 88	3, 21	— 1, 14 +	1, 43
20	6, 97	3, 09	+ 0, 32 —	1, 46
4 0 10	9, 84	2, 87	1, 78	1, 46
10	12, 40	2, 56	3, 18	1, 40
20	14, 59	2, 19	4, 47	1, 29
5 0 11	16, 35	1, 76	5, 63	1, 16
10	17, 61	1, 26	6, 63	1, 00
20	18, 32	0, 71	7, 42	0, 79

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″23 +		— 0,″32 +	
10	4, 04	2,″81	1, 54	1,″22
20	6, 73	2, 69	2, 73	1, 19
1 0 7	9, 22	2, 49	3, 82	1, 09
10	11, 43	2, 21	4, 80	0, 98
20	13, 29	1, 86	5, 63	0, 83
2 0 8	14, 75	1, 46	6, 29	0, 66
10	15, 76	1, 01	6, 76	0, 47
20	16, 28	0, 52	7, 04	0, 28
3 0 9	16, 32	0, 04	7, 10	0, 06
10	15, 86	0, 46	6, 93	0, 17
20	14, 92	0, 94	6, 55	0, 38
4 0 10	13, 52	1, 40	5, 98	0, 57
10	11, 70	1, 82	5, 22	0, 76
20	9, 53	2, 17	4, 32	0, 90
5 0 11	7, 08	2, 45	3, 28	1, 04
10	4, 42	2, 66	2, 12	1, 16
20	1, 62	2, 80	0, 92	1, 20

33 Piscium, duarum in auſt. latere quadrilat. ſeq. 4. 33

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	358° 46′ 33″	+	CAILLE 6° 49′ 41″	—
BRADLEY	358 46 30	46,″08	BRADL. 6 49 39	20,″04
TOB. MAYER	358 46 37		T. MAY. 6 49 35	
DE ZACH	358 46 22		BARRY 6 49 29	
			L.LAND. 6 49 30	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♈ 0 0 6	— 18,″47 +		+ 7,″86 —	
10	18, 12	0,″35	7, 34	0,″52
20	17, 21	0, 91	6, 59	0, 75
1 0 7	15, 78	1, 43	5, 63	0, 96
10	13, 88	1, 90	4, 50	1, 13
20	11, 56	2, 32	3, 24	1, 26
2 0 8	8, 88	2, 68	1, 88	1, 36
10	5, 93	2, 95	+ 0, 47 —	1, 41
20	— 2, 80 +	3, 13	— 0, 96 +	1, 43
3 0 9	+ 0, 42 —	3, 22	2, 37	1, 41
10	3, 63	3, 21	3, 70	1, 33
20	6, 72	3, 09	4, 92	1, 22
4 0 10	9, 60	2, 88	5, 99	1, 07
10	12, 20	2, 60	6, 88	0, 89
20	14, 43	2, 23	7, 55	0, 67
5 0 11	16, 21	1, 78	7, 99	0, 44
10	17, 49	1, 28	8, 19	0, 20
20	18, 25	0, 76	8, 15	0, 04

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♈ 0 0 6	+ 1,″14 —		+ 0,″23 —	
10	— 1, 72 +	2,″86	1, 45	1,″22
20	4, 52	2, 80	2, 63	1, 18
1 0 7	7, 19	2, 67	3, 74	1, 11
10	9, 65	2, 46	4, 74	1, 00
20	11, 81	2, 16	5, 59	0, 85
2 0 8	13, 61	1, 80	6, 26	0, 67
10	15, 00	1, 39	6, 74	0, 48
20	15, 93	0, 93	7, 03	0, 29
3 0 9	16, 37	0, 44	7, 10	0, 07
10	16, 32	0, 05	6, 95	0, 15
20	15, 78	0, 54	6, 59	0, 36
4 0 10	14, 75	1, 03	6, 03	0, 56
10	13, 27	1, 48	5, 29	0, 74
20	11, 39	1, 88	4, 40	0, 89
5 0 11	9, 17	2, 22	3, 36	1, 04
10	6, 67	2, 50	2, 21	1, 15
20	3, 97	2, 70	1, 00	1, 21

37 Piscium. 6. 37

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	1° 34′ 28″	+ 46,″13	FLAMST 12° 47′ 39″	+ 20,″04
DE ZACH	1 36 47		BARRY 12 48 26	
			L.LAND. 12 48 10	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″81 +	0,″17	— 7,″65 +	0,″64
10	18, 64	0, 77	8, 29	0, 41
20	17, 87	1, 30	8, 70	0, 15
1 0 7	16, 57	1, 79	8, 85	0, 13
10	14, 78	2, 25	8, 72	0, 40
20	12, 53	2, 63	8, 32	0, 65
2 0 8	9, 90	2, 92	7, 67	0, 88
10	6, 98	3, 14	6, 79	1, 09
20	3, 84	3, 26	5, 70	1, 27
3 0 9	— 0, 58 +	3, 29	4, 43	1, 46
10	+ 2, 71 —	3, 20	3, 03	1, 48
20	5, 91	3, 01	1, 55	1, 53
4 0 10	8, 92	2, 73	— 0, 02 +	1, 53
10	11, 65	2, 39	+ 1, 51 —	1, 49
20	14, 04	1, 96	3, 00	1, 40
5 0 11	16, 00	1, 48	4, 40	1, 28
10	17, 48	0, 94	5, 68	1, 14
20	18, 42		6, 82	

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″17 +	2,″81	+ 0,″28 —	1,″23
10	4, 98	2, 68	— 0, 95 +	1, 21
20	7, 66	2, 42	2, 16	1, 16
1 0 7	10, 08	2, 12	3, 32	1, 04
10	12, 20	1, 75	4, 36	0, 89
20	13, 95	1, 33	5, 25	0, 74
2 0 8	15, 28	0, 87	5, 99	0, 57
10	16, 15	0, 37	6, 56	0, 37
20	16, 52	0, 13	6, 93	0, 16
3 0 9	16, 39	0, 63	7, 09	0, 06
10	15, 76	1, 10	7, 03	0, 27
20	14, 66	1, 54	6, 76	0, 47
4 0 10	13, 12	1, 94	6, 29	0, 67
10	11, 18	2, 29	5, 62	0, 85
20	8, 89	2, 56	4, 77	0, 99
5 0 11	6, 33	2, 75	3, 78	1, 10
10	3, 58	2, 86	2, 68	1, 18
20	0, 72		1, 50	

39 Piscium. 6. 39

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	1° 50′ 3″	+ 46.″18	FLAMST 15° 12′ 54″	+ 20,″03
DE ZACH	1 51 57		BARRY 15 13 24	
			L.LAND. 15 13 8	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	— 19,″02 +		— 7,″53 +	
10	18, 82	0,″18	8, 31	0,″78
20	18, 09	0, 75	8, 85	0, 54
♌ 1 0 7	16, 79	1, 30	9, 12	0, 27
10	14, 99	1, 80	9, 11	0, 01
20	12, 73	2, 26	8, 82	0, 29
♌ 2 0 8	10, 08	2, 65	8, 27	0, 55
10	7, 12	2, 96	7, 48	0, 79
20	3, 96	3, 16	6, 46	1, 02
♌ 3 0 9	— 0, 65 +	3, 31	5, 23	1, 23
10	+ 2, 67 —	3, 32	3, 84	1, 39
20	5, 90	3, 23	2, 35	1, 49
♌ 4 0 10	8, 94	3, 04	— 0, 77 +	1, 58
10	11, 71	2, 77	+ 0, 84 —	1, 61
20	14, 13	2, 42	2, 41	1, 57
♌ 5 0 11	16, 14	2, 01	3, 91	1, 50
10	17, 63	1, 49	5, 30	1, 39
20	18, 59	0, 96	6, 50	1, 20

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	+ 2,″59 —		+ 0,″28 —	
10	♒ 5, 41	2,″82	— 0, 94 +	1,″22
20	8, 06	2, 65	2, 14	1, 20
♌ 1 0 7	10, 45	2, 39	3, 29	1, 15
10	12, 53	2, 08	4, 34	1, 05
20	14, 24	1, 71	5, 24	0, 90
♌ 2 0 8	15, 51	1, 27	5, 98	0, 74
10	16, 31	0, 80	6, 55	0, 57
20	16, 61	0, 30	6, 93	0, 38
♌ 3 0 9	16, 41	0, 20	7, 10	0, 17
10	15, 71	0, 70	7, 05	0, 05
20	14, 54	1, 17	6, 78	0, 27
♌ 4 0 10	12, 92	1, 62	6, 30	0, 48
10	10, 90	2, 02	5, 62	0, 68
20	8, 56	2, 34	4, 78	0, 84
♌ 5 0 11	5, 96	2, 60	3, 81	0, 97
10	3, 18	2, 78	2, 71	1, 10
20	0, 30	2, 88	1, 51	1, 20

d Piscium, in lino, prima à cauda. 6. 41

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	2° 34′ 38″		CAILLE 7° 4′ 47″	
BRADLEY	2 34 26		BRADL. 7 4 41	
TOB. MAYER	2 33 51		T. MAY. 7 4 46	
DE LAMBRE	2 34 43		BARRY 7 4 47	
DE ZACH	2 34 41	46,″12	L. LAND. 7 4 52	20,″03

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″47 +		— 7,″81 +	
10	18, 35	0,″12	8, 12	0,″31
20	17, 67	0, 68	8, 18	0, 06
1 0 7	16, 45	1, 22	7, 99	0, 19
10	14, 73	1, 72	7, 56	0, 43
20	12, 57	2, 16	6, 91	0, 65
2 0 8	10, 03	2, 54	6, 04	0, 87
10	7, 18	2, 85	4, 99	1, 05
20	4, 11	3, 07	3, 78	1, 21
3 0 9	— 0, 92 +	3, 19	2, 46	1, 32
10	+ 2, 30 —	3, 22	— 1, 06 +	1, 40
20	5, 45	3, 15	+ 0, 37 —	1, 43
4 0 10	8, 43	2, 98	1, 78	1, 41
10	11, 15	2, 72	3, 15	1, 37
20	13, 54	2, 39	4, 41	1, 26
5 0 11	15, 53	1, 99	5, 54	1, 13
10	17, 03	1, 50	6, 51	0, 97
20	17, 82	0, 99	7, 27	0, 76

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″18 +		+ 0,″42 —	
10	4, 01	2,″83	— 0, 81 +	1,″23
20	6, 72	2, 71	2, 02	1, 21
1 0 7	9, 22	2, 50	3, 18	1, 16
10	11, 44	2, 22	4, 24	1, 06
20	13, 31	1, 87	5, 16	0, 92
2 0 8	14, 78	1, 47	5, 92	0, 76
10	15, 80	1, 02	6, 51	0, 59
20	16, 34	0, 54	6, 91	0, 40
3 0 9	16, 39	0, 05	7, 09	0, 18
10	15, 94	0, 45	7, 05	0, 04
20	15, 00	0, 94	6, 80	0, 25
4 0 10	13, 60	1, 40	6, 35	0, 45
10	11, 79	1, 81	5, 71	0, 64
20	9, 63	2, 16	4, 89	0, 82
5 0 11	7, 17	2, 46	3, 92	0, 97
10	4, 50	2, 67	2, 82	1, 10
20	1, 69	2, 81	1, 63	1, 19

55 Piscium. 6. 55

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	7° 20′ 4″	+ 46,″95	FLAMST 20° 21′ 36″	+ 19,″89
DE ZACH	7 21 18		BARRY 20 20 27	
			L. LAND. 20 20 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″41 +		— 6,″68 +	
10	19, 57	0,″16	7, 75	1,″07
20	19, 14	0, 43	8, 61	0, 86
		0, 99		0, 60
1 0 7	18, 15		9, 21	
10	16, 61	1, 54	9, 53	0, 32
20	14, 55	2, 06	9, 55	0, 02
		2, 50		0, 27
2 0 8	12, 05		9, 28	
10	9, 19	2, 86	8, 72	0, 56
20	6, 04	3, 15	7, 91	0, 81
		3, 33		1, 05
3 0 9	— 2, 71 +		6, 86	
10	+ 0, 70 —	3, 41	5, 60	1, 26
20	4, 08	3, 38	4, 16	1, 44
		3, 26		1, 56
4 0 10	7, 34		2, 60	
10	10, 39	3, 05	— 0, 96 +	1, 64
20	13, 13	2, 74	+ 0, 70 —	1, 66
		2, 32		1, 65
5 0 11	15, 45		2, 35	
10	17, 29	1, 84	3, 93	1, 58
20	18, 64	1, 35	5, 38	1, 45

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″50 +		+ 1,″20 —	
10	6, 35	2,″85	— 0, 03 +	1,″23
20	9, 01	2, 66	1, 27	1, 24
		2, 38		1, 20
1 0 7	11, 39		2, 47	
10	13, 42	2, 03	3, 60	1, 13
20	15, 04	1, 62	4, 63	1, 03
		1, 16		0, 88
2 0 8	16, 20		5, 51	
10	16, 87	0, 67	6, 22	0, 71
20	17, 04	0, 17	6, 73	0, 51
		0, 36		0, 31
3 0 9	16, 68		7, 04	
10	15, 82	0, 86	7, 14	0, 10
20	14, 49	1, 33	7, 02	0, 12
		1, 79		0, 32
4 0 10	13, 70		6, 70	
10	10, 52	2, 18	6, 17	0, 53
20	8, 04	2, 48	5, 45	0, 72
		2, 73		0, 89
5 0 11	5, 31		4, 56	
10	— 2, 42 +	2, 89	3, 53	1, 03
20	+ 0, 55 —	2, 97	2, 40	1, 13

55 Piscium. 6. 55

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	7° 20′ 4″	+ 46,″95	FLAMST 20°21′36″	+ 19,″89
DE ZACH	7 21 18		BARRY 20 20 27	
			L. LAND. 20 20 27	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″41 +		— 6,″68 +	
10	19, 57	0,″16	7, 75	1,″07
20	19, 14	0, 43	8, 61	0, 86
		0, 99		0, 60
1 0 7	18, 15		9, 21	
10	16, 61	1, 54	9, 53	0, 32
20	14, 55	2, 06	9, 55	0, 02
		2, 50		0, 27
2 0 8	12, 05		9, 28	
10	9, 19	2, 86	8, 72	0, 56
20	6, 04	3, 15	7, 91	0, 81
		3, 33		1, 05
3 0 9	— 2, 71 +		6, 86	
10	+ 0, 70 —	3, 41	5, 60	1, 26
20	4, 08	3, 38	4, 16	1, 44
		3, 26		1, 56
4 0 10	7, 34		2, 60	
10	10, 39	3, 05	— 0, 96 +	1, 64
20	13, 13	2, 74	+ 0, 70 —	1, 66
		2, 32		1, 65
5 0 11	15, 45		2, 35	
10	17, 29	1, 84	3, 93	1, 58
20	18, 64	1, 35	5, 38	1, 45

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″50 +		+ 1,″20 —	
10	6, 35	2,″85	— 0, 03 +	1,″23
20	9, 01	2, 66	1, 27	1, 24
		2, 38		1, 20
1 0 7	11, 39		2, 47	
10	13, 42	2, 03	3, 60	1, 13
20	15, 04	1, 62	4, 63	1, 03
		1, 16		0, 88
2 0 8	16, 20		5, 51	
10	16, 87	0, 67	6, 22	0, 71
20	17, 04	0, 17	6, 73	0, 51
		0, 36		0, 31
3 0 9	16, 68		7, 04	
10	15, 82	0, 86	7, 14	0, 10
20	14, 49	1, 33	7, 02	0, 12
		1, 79		0, 32
4 0 10	13, 70		6, 70	
10	10, 52	2, 18	6, 17	0, 53
20	8, 04	2, 48	5, 45	0, 72
		2, 73		0, 89
5 0 11	5, 31		4, 56	
10	— 2, 42 +	2, 89	3, 53	1, 03
20	+ 0, 55 —	2, 97	2, 40	1, 13

♑ Piscium, trium deinde in lino lucidarum praecedens. 4.

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	9° 34′ 41″		CAILLE 6°29′44″	
TOB. MAYER	9 34 50		T. MAY. 6 29 45	
DE LAMBRE	9 34 39		BARRY 6 29 45	
DE ZACH	9 34 42	+ 46,″38	L.LAND. 6 29 48	+ 19,″77

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″20 +		— 7,″58 +	
10	18, 51	0,″31	7, 84	0,″26
20	18, 26	0, 25	7, 87	0, 03
		0, 82		0, 20
1 0 7	17, 44		7, 67	
10	16, 10	1, 34	7, 23	0, 44
20	14, 28	1, 82	6, 57	0, 66
		2, 25		0, 86
2 0 8	12, 03		5, 71	
10	9, 40	2, 63	4, 69	1, 02
20	6, 48	2, 92	3, 51	1, 18
		3, 11		1, 28
3 0 9	3, 37		2, 23	
10	— 0, 15 +	3, 22	— 0, 87 +	1, 36
20	+ 3, 07 —	3, 22	+ 0, 51 —	1, 38
		3, 12		1, 36
4 0 10	6, 19		1, 87	
10	9, 12	2, 93	3, 17	1, 30
20	11, 78	2, 66	4, 37	1, 20
		2, 30		1, 07
5 0 11	14, 08		5, 44	
10	15, 95	1, 87	6, 36	0, 92
20	17, 34	1, 39	7, 07	0, 71

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″06 +		+ 1,″58 —	
10	3, 91	2,″85	0, 34	1,″24
20	6, 64	2, 73	— 0, 91 +	1, 25
		2, 52		1, 21
1 0 7	9, 16		2, 12	
10	11, 40	2, 24	3, 28	1, 16
20	13, 30	1, 90	4, 34	1, 06
		1, 51		0, 93
2 0 8	14, 81		5, 27	
10	15, 86	1, 05	6, 05	0, 78
20	16, 42	0, 56	6, 63	0, 58
		0, 07		0, 37
3 0 9	16, 49		7, 00	
10	16, 06	0, 43	7, 16	0, 16
20	15, 14	0, 92	7, 10	0, 06
		1, 38		0, 26
4 0 10	13, 76		6, 84	
10	11, 95	1, 81	6, 38	0, 46
20	9, 78	2, 17	5, 71	0, 67
		2, 46		0, 85
5 0 11	7, 32		4, 86	
10	4, 64	2, 68	3, 88	0, 98
20	1, 82	2, 82	2, 77	1, 11

k Piscium, trium parvularum in capite media. 6. 67

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	11° 17′ 19″		FLAMST 25° 1′ 26″	
DE ZACH	11 18 39	+ 47,″83	BARRY 26 7 31	
			L.LAND. 26 7 25	+ 19,″67

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 20,″03 +		— 5,″59 +	
10	20, 49	0,″46	7, 00	1,″41
20	20, 33	0, 16	8, 20	1, 20
1 0 7	19, 54	0, 79	9, 15	0, 95
10	18, 15	1, 39	9, 82	0, 67
20	16, 22	1, 93	10, 20	0, 38
2 0 8	13, 80	2, 42	10, 27	0, 07
10	10, 96	2, 84	10, 02	0, 25
20	7, 78	3, 18	9, 46	0, 56
3 0 9	4, 36	3, 42	8, 62	0, 84
10	— 0, 81 +	3, 55	7, 53	1, 09
20	+ 2, 76 —	3, 57	6, 20	1, 33
4 0 10	6, 25	3, 49	4, 68	1, 52
10	9, 55	3, 30	3, 02	1, 66
20	12, 56	3, 01	— 1, 26 +	1, 76
5 0 11	15, 18	2, 62	+ 0, 53 —	1, 79
10	17, 34	2, 16	2, 30	1, 77
20	18, 97	1, 63	4, 01	1, 71

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 4,″59 +		+ 1,″86 —	
10	7, 48	2,″89	0, 63	1,″23
20	10, 15	2, 67	— 0, 64 +	1, 27
1 0 7	12, 51	2, 36	1, 88	1, 24
10	14, 48	1, 97	3, 06	1, 18
20	16, 00	1, 52	4, 13	1, 07
2 0 8	17, 04	1, 04	5, 08	0, 95
10	17, 58	0, 54	5, 89	0, 81
20	17, 58	0, 00	6, 53	0, 64
3 0 9	17, 04	0, 54	6, 96	0, 43
10	15, 98	1, 06	7, 17	0, 21
20	14, 44	1, 54	7, 17	0, 00
4 0 10	12, 46	1, 98	6, 96	0, 21
10	10, 10	2, 36	6, 54	0, 42
20	7, 44	2, 66	5, 91	0, 63
5 0 11	4, 55	2, 89	5, 10	0, 81
10	— 1, 52 +	3, 03	4, 14	0, 96
20	+ 1, 56 —	3, 08	3, 04	1, 10

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	11° 43′ 51″		FLAMST 27° 54′ 15″	
DE ZACH	11 45 33	+ 47,″15	BARRY 27 54 33 L.I.AND. 27 54 41	+ 19,″64

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	− 20,″33 +		− 5,″33 +	
10	20, 81	0,″48	6, 84	1,″51
20	20, 66	0, 15	8, 14	1, 30
1 0 7	19, 89	0, 77	9, 20	1, 06
10	18, 52	1, 37	9, 98	0, 78
20	16, 58	1, 94	10, 44	0, 46
2 0 8	14, 13	2, 45	10, 60	0, 16
10	11, 25	2, 88	10, 43	0, 17
20	8, 03	3, 22	9, 94	0, 49
3 0 9	4, 57	3, 46	9, 16	0, 78
10	− 0, 98 +	3, 59	8, 10	1, 06
20	+ 2, 65 −	3, 63	6, 80	1, 30
4 0 10	6, 20	3, 55	5, 28	1, 52
10	9, 56	3, 36	3, 60	1, 68
20	12, 63	3, 07	− 1, 82 +	1, 78
5 0 11	15, 31	2, 68	+ 0, 03 −	1, 85
10	17, 54	2, 23	1, 87	1, 84
20	19, 23	1, 69	3, 65	1, 78

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	− 4,″94 +		+ 1,″93 −	
10	7, 84	2,″90	0, 69	1,″24
20	10, 51	2, 67	− 0, 57 +	1, 26
1 0 7	12, 85	2, 34	1, 80	1, 23
10	14, 80	1, 95	2, 98	1, 18
20	16, 30	1, 50	4, 07	1, 09
2 0 8	17, 31	1, 01	5, 04	0, 97
10	17, 79	0, 48	5, 87	0, 83
20	17, 72	0, 07	6, 51	0, 64
3 0 9	17, 11	0, 61	6, 94	0, 43
10	16, 00	1, 11	7, 17	0, 23
20	14, 40	1, 60	7, 18	0, 01
4 0 10	12, 36	2, 04	6, 98	0, 20
10	9, 93	2, 43	6, 56	0, 42
20	7, 21	2, 72	5, 94	0, 62
5 0 11	4, 27	2, 94	5, 15	0, 79
10	− 1, 20 +	3, 07	4, 20	0, 95
20	+ 1, 90 −	3, 10	3, 11	1, 09

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	12° 57′ 55″		FLAMST 30°43′36″	
DE ZACH	12 58 24	+ 48,″66	BARRY 30 43 40	+ 19,″55

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 20,″79 +		— 4,″82 +	
10	21, 39	0,″60	6, 45	1,″64
20	21, 34	0, 05	7, 90	1, 45
1 0 7	20, 63	0, 71	9, 14	1, 24
10	19, 29	1, 34	10, 10	0, 96
20	17, 37	1, 92	10, 74	0, 64
2 0 8	14, 93	2, 44	11, 04	0, 30
10	12, 03	2, 90	11, 02	0, 02
20	8, 77	3, 26	10, 67	0, 35
3 0 9	5, 24	3, 53	9, 98	0, 69
10	— 1, 55 +	3, 69	8, 97	1, 01
20	+ 2, 19 —	3, 74	7, 70	1, 27
4 0 10	5, 87	3, 68	6, 22	1, 48
10	9, 35	3, 48	4, 55	1, 67
20	12, 55	3, 20	2, 72	1, 83
5 0 11	15, 38	2, 83	— 0, 80 +	1, 92
10	17, 75	2, 37	+ 1, 14 —	1, 94
20	19, 57	1, 82	3, 02	1, 88

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 5,″52 +		+ 2,″14 —	
10	8, 44	2,″92	0, 91	1,″23
20	11, 10	2, 66	— 0, 35 +	1, 26
1 0 7	13, 43	2, 33	1, 60	1, 25
10	15, 36	1, 93	2, 80	1, 20
20	16, 81	1, 45	3, 92	1, 12
2 0 8	17, 75	0, 94	4, 91	0, 99
10	18, 15	0, 40	5, 76	0, 85
20	17, 99	0, 16	6, 44	0, 68
3 0 9	17, 29	0, 70	6, 92	0, 48
10	16, 07	1, 22	7, 18	0, 26
20	14, 36	1, 71	7, 23	0, 05
4 0 10	12, 21	2, 15	7, 06	0, 17
10	9, 69	2, 52	6, 68	0, 38
20	6, 88	2, 81	6, 09	0, 59
5 0 11	3, 87	3, 01	5, 32	0, 77
10	— 0, 74 +	3, 13	4, 38	0, 94
20	+ 2, 43 —	3, 17	3, 31	1, 07

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	13° 8′ 34″		CAILLE	6° 48′ 36″
BRADLEY	13 8 46		BRADL.	6 48 35
TOB. MAYER	13 8 47		T. MAY.	6 48 41
DE LAMBRE	13 8 33		BARRY	6 48 41
DE ZACH	13 8 33	+ 46,″55	L.LAND.	6 48 46

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″00 +		— 7,″41 +	
10	18, 53	0,″53	7, 71	0,″30
20	18, 49	0, 04	7, 77	0, 06
1 0 7	17, 87	0, 62	7, 58	0, 19
10	16, 72	1, 15	7, 16	0, 42
20	15, 07	1, 65	6, 54	0, 62
2 0 8	12, 96	2, 11	5, 71	0, 83
10	10, 45	2, 51	4, 71	1, 00
20	7, 63	2, 82	3, 56	1, 15
3 0 9	4, 57	3, 06	2, 31	1, 25
10	— 1, 36 +	3, 21	— 0, 98 +	1, 33
20	+ 1, 89 —	3, 25	+ 0, 38 —	1, 36
4 0 10	5, 06	3, 17	1, 72	1, 34
10	8, 06	3, 00	3, 01	1, 29
20	10, 83	2, 77	4, 20	1, 19
5 0 11	13, 28	2, 45	5, 27	1, 07
10	15, 34	2, 06	6, 18	0, 91
20	16, 93	1, 59	6, 91	0, 73

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″11 +		+ 2,″16 —	
10	3, 97	2,″86	0, 92	1,″24
20	6, 71	2, 74	— 0, 35 +	1, 27
1 0 7	9, 23	2, 52	1, 60	1, 25
10	11, 48	2, 25	2, 79	1, 19
20	13, 38	1, 90	3, 90	1, 11
2 0 8	14, 88	1, 50	4, 90	1, 00
10	15, 92	1, 04	5, 76	0, 86
20	16, 48	0, 56	6, 44	0, 68
3 0 9	16, 54	0, 06	6, 91	0, 47
10	16, 10	0, 44	7, 18	0, 27
20	15, 17	0, 93	7, 23	0, 05
4 0 10	13, 77	1, 40	7, 06	0, 17
10	11, 95	1, 82	6, 68	0, 38
20	9, 28	2, 67	6, 10	0, 58
5 0 11	7, 32	1, 96	5, 33	0, 77
10	4, 63	2, 69	4, 40	0, 93
20	1, 79	2, 84	3, 33	1, 07

1 ad ψ Piscium, trium in pinna coſtarum poſt cubitum Andromedae praecedens. 5. 74

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	13° 43′ 38″	+ 47,″77	FLAMST 20° 23′ 34″	+ 19,″48
DE ZACH	13 44 41		BARRY 20 23 57	
			L.LAND. 20 23 35	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″00 +		— 5,″93 +	
10	19, 62	0,″62	7, 02	1,″09
20	19, 62	0, 00	7, 90	0, 88
		0, 61		0, 65
1 0 7	19, 01		8, 55	
10	17, 82	1, 19	8, 93	0, 38
20	16, 09	1, 73	9, 05	0, 12
		2, 20		0, 15
2 0 8	13, 89		8, 90	
10	11, 26	2, 63	8, 47	0, 43
20	8, 29	2, 97	7, 78	0, 69
		3, 23		0, 93
3 0 9	5, 06		6, 85	
10	— 1, 68 +	3, 38	5, 72	1, 13
20	+ 1, 75 —	3, 43	4, 42	1, 30
		3, 38		1, 44
4 0 10	5, 13		2, 98	
10	8, 34	3, 21	— 1, 44 +	1, 54
20	11, 30	2, 96	+ 0, 13 —	1, 57
		2, 63		1, 57
5 0 11	13, 93		1, 70	
10	16, 14	2, 21	3, 22	1, 52
20	17, 86	1, 74	4, 66	1, 44

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″44 +		+ 2,″25 —	
10	6, 34	2,″90	1, 02	1,″23
20	9, 05	2, 71	— 0, 24 +	1, 26
		2, 43		1, 25
1 0 7	11, 48		1, 49	
10	13, 56	2, 08	2, 70	1, 21
20	15, 23	1, 67	3, 83	1, 13
		1, 20		1, 01
2 0 8	16, 43		4, 84	
10	17, 14	0, 71	5, 71	0, 87
20	17, 32	0, 18	6, 41	0, 70
		0, 35		0, 49
3 0 9	16, 97		6, 90	
10	16, 11	0, 86	7, 18	0, 28
20	14, 77	1, 34	7, 25	0, 07
		1, 79		0, 15
4 0 10	12, 98		7, 10	
10	10, 79	2, 19	6, 73	0, 37
20	8, 27	2, 52	6, 16	0, 57
		2, 77		0, 75
5 0 11	5, 50		5, 41	
10	— 2, 57 +	2, 93	4, 49	0, 92
20	+ 0, 44 —	3, 01	3, 43	1, 06

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Aust.	Var. ann. Decl. med.
DE LA CAILLE	13° 8′ 34″		CAILLE 6°48′36″	
BRADLEY	13 8 46		BRADL. 6 48 35	
TOB. MAYER	13 8 47		T. MAY. 6 48 41	
DE LAMBRE	13 8 33		BARRY 6 48 41	
DE ZACH	13 8 33	+ 46,″55	L.LAND. 6 48 46	+ 19,″53

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″00 +		— 7,″41 +	
10	18, 53	0,″53	7, 71	0,″30
20	18, 49	0, 04	7, 77	0, 06
		0, 62		0, 19
1 0 7	17, 87		7, 58	
10	16, 72	1, 15	7, 16	0, 42
20	15, 07	1, 65	6, 54	0, 62
		2, 11		0, 83
2 0 8	12, 96		5, 71	
10	10, 45	2, 51	4, 71	1, 00
20	7, 63	2, 82	3, 56	1, 15
		3, 06		1, 25
3 0 9	4, 57		2, 31	
10	— 1, 36 +	3, 21	— 0, 98 +	1, 33
20	+ 1, 89 —	3, 25	+ 0, 38 —	1, 36
		3, 17		1, 34
4 0 10	5, 06		1, 72	
10	8, 06	3, 00	3, 01	1, 29
20	10, 83	2, 77	4, 20	1, 19
		2, 45		1, 07
5 0 11	13, 28		5, 27	
10	15, 34	2, 06	6, 18	0, 91
20	16, 93	1, 59	6, 91	0, 73

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″11 +		+ 2,″16 —	
10	3, 97	2,″86	0, 92	1,″24
20	6, 71	2, 74	— 0, 35 +	1, 27
		2, 52		1, 25
1 0 7	9, 23		1, 60	
10	11, 48	2, 25	2, 79	1, 19
20	13, 38	1, 90	3, 90	1, 11
		1, 50		1, 00
2 0 8	14, 88		4, 90	
10	15, 92	1, 04	5, 76	0, 86
20	16, 48	0, 56	6, 44	0, 68
		0, 06		0, 47
3 0 9	16, 54		6, 91	
10	16, 10	0, 44	7, 18	0, 27
20	15, 17	0, 93	7, 23	0, 05
		1, 40		0, 17
4 0 10	13, 77		7, 06	
10	11, 95	1, 82	6, 68	0, 38
20	9, 28	2, 67	6, 10	0, 58
		1, 96		0, 77
5 0 11	7, 32		5, 33	
10	4, 63	2, 69	4, 40	0, 93
20	1, 79	2, 84	3, 33	1, 07

1 ad ♆ Piscium, trium in pinna coſtarum poſt cubitum Andromedae praecedens. 5. 74

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	13° 43′ 38″	+ 47,″77	FLAMST 20° 23′ 34″	+ 19,″48
DE ZACH	13 44 41		BARRY 20 23 57	
			L.LAND. 20 23 35	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″00 +		— 5,″93 +	
10	19, 62	0,″62	7, 02	1,″09
20	19, 62	0, 00	7, 90	0, 88
1 0 7	19, 01	0, 61	8, 55	0, 65
10	17, 82	1, 19	8, 93	0, 38
20	16, 09	1, 73	9, 05	0, 12
2 0 8	13, 89	2, 20	8, 90	0, 15
10	11, 26	2, 63	8, 47	0, 43
20	8, 29	2, 97	7, 78	0, 69
3 0 9	5, 06	3, 23	6, 85	0, 93
10	— 1, 68 +	3, 38	5, 72	1, 13
20	+ 1, 75 —	3, 43	4, 42	1, 30
4 0 10	5, 13	3, 38	2, 98	1, 44
10	8, 34	3, 21	— 1, 44 +	1, 54
20	11, 30	2, 96	+ 0, 13 —	1, 57
5 0 11	13, 93	2, 63	1, 70	1, 57
10	16, 14	2, 21	3, 22	1, 52
20	17, 86	1, 74	4, 66	1, 44

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″44 +		+ 2,″25 —	
10	6, 34	2,″90	1, 02	1,″23
20	9, 05	2, 71	— 0, 24 +	1, 26
1 0 7	11, 48	2, 43	1, 49	1, 25
10	13, 56	2, 08	2, 70	1, 21
20	15, 23	1, 67	3, 83	1, 13
2 0 8	16, 43	1, 20	4, 84	1, 01
10	17, 14	0, 71	5, 71	0, 87
20	17, 32	0, 18	6, 41	0, 70
3 0 9	16, 97	0, 35	6, 90	0, 49
10	16, 11	0, 86	7, 18	0, 28
20	14, 77	1, 34	7, 25	0, 07
4 0 10	12, 98	1, 79	7, 10	0, 15
10	10, 79	2, 19	6, 73	0, 37
20	8, 27	2, 52	6, 16	0, 57
5 0 11	5, 50	2, 77	5, 41	0, 75
10	— 2, 57 +	2, 93	4, 49	0, 92
20	+ 0, 44 —	3, 01	3, 43	1, 06

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	14° 17′ 32″		FLAMST. 19° 40′ 16″	
DE ZACH	14 18 39	+ 47,″76	BARRY 19 40 32 L.LAND. 19 40 28	+ 19,″44

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″88 +		— 5,″99 +	
10	19, 51	0,″63	7, 04	1,″05
20	19, 54	0, 03	7, 87	0, 83
1 0 7	18, 97	0, 57	8, 46	0, 59
10	17, 81	1, 16	8, 79	0, 33
20	16, 13	1, 68	8, 85	0, 06
2 0 8	13, 96	2, 17	8, 65	0, 20
10	11, 37	2, 59	8, 18	0, 47
20	8, 44	2, 93	7, 47	0, 71
3 0 9	5, 24	3, 20	6, 53	0, 94
10	— 1, 88 +	3, 36	5, 39	1, 14
20	+ 1, 53 —	3, 41	4, 09	1, 30
4 0 10	4, 89	3, 36	2, 66	1, 43
10	8, 11	3, 22	— 1, 15 +	1, 51
20	11, 09	2, 98	+ 0, 40 —	1, 55
5 0 11	13, 73	2, 64	1, 93	1, 53
10	15, 95	2, 22	3, 41	1, 48
20	17, 68	1, 73	4, 79	1, 38

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″31 +		+ 2,″35 —	
10	6, 21	2,″90	1, 13	1,″22
20	8, 92	2, 71	— 0, 14 +	1, 27
1 0 7	11, 36	2, 44	1, 40	1, 26
10	13, 45	2, 09	2, 61	1, 21
20	15, 13	1, 68	3, 74	1, 13
2 0 8	16, 36	1, 23	4, 77	1, 03
10	17, 09	0, 73	5, 66	0, 89
20	17, 29	0, 20	6, 37	0, 71
3 0 9	16, 97	0, 32	6, 88	0, 51
10	16, 15	0, 82	7, 18	0, 30
20	14, 83	1, 32	7, 27	0, 09
4 0 10	13, 06	1, 77	7, 13	0, 14
10	10, 89	2, 17	6, 78	0, 35
20	8, 39	2, 50	6, 23	0, 55
5 0 11	5, 64	2, 75	5, 49	0, 74
10	— 2, 72 +	2, 92	4, 57	0, 92
20	+ 0, 30 —	3, 02	3, 51	1, 06

ε Piscium, duarum parvularum ſub tribus in lino lucidis in flexu boreo. 5. 80

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	14° 31′ 17″		CAILLE 4° 35′ 32″	
BRADLEY	14 31 26		BRADL. 4 35 26	
TOB. MAYER	14 31 27		T. MAY. 4 35 29	
DE ZACH.	14 31 6	+ 46,″41	BARRY 4 35 22	
			L. LAND. 4 35 26	+ 19,″42

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″81 +		— 7,″58 +	
10	18, 43	0,″62	7, 74	0,″16
20	18, 48	0, 05	7, 65	0, 09
1 0 7	17, 96	0, 52	7, 33	0, 32
10	16, 89	1, 07	6, 79	0, 54
20	15, 31	1, 58	6, 05	0, 74
2 0 8	13, 26	2, 05	5, 12	0, 93
10	10, 81	2, 45	4, 05	1, 07
20	8, 04	2, 77	2, 85	1, 20
3 0 9	5, 04	3, 00	1, 55	1, 30
10	— 1, 88 +	3, 16	— 0, 20 +	1, 35
20	+ 1, 35 —	3, 23	+ 1, 14 —	1, 34
4 0 10	5, 54	3, 19	2, 45	1, 31
10	7, 59	3, 05	3, 68	1, 23
20	10, 41	2, 82	4, 81	1, 13
5 0 11	12, 92	2, 51	5, 79	0, 98
10	15, 03	2, 11	6, 59	0, 80
20	16, 68	1, 65	7, 20	0, 61

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″74 +		+ 2,″37 —	
10	3, 59	2,″85	1, 15	1,″22
20	6, 33	2, 74	— 0, 11 +	1, 26
1 0 7	8, 88	2, 55	2, 37	1, 26
10	11, 17	2, 29	2, 59	1, 22
20	13, 11	1, 94	3, 73	1, 14
2 0 8	14, 65	1, 54	4, 76	1, 03
10	15, 76	1, 11	5, 65	0, 89
20	16, 37	0, 61	6, 36	0, 71
3 0 9	16, 48	0, 11	6, 87	0, 51
10	16, 06	0, 42	7, 18	0, 31
20	15, 24	0, 82	7, 27	0, 09
4 0 10	13, 91	1, 33	7, 14	0, 13
10	12, 15	1, 76	6, 79	0, 35
20	10, 03	2, 12	6, 24	0, 55
5 0 11	7, 61	2, 42	5, 50	0, 74
10	4, 95	2, 66	4, 59	0, 91
20	2, 14	2, 81	3, 54	1, 05

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	15° 0′ 49″	+ 49,″02	FLAMST. 30° 21′ 8″	+ 19,″38
DE ZACH	15 1 45		BARRY 30 21 29	
			L. LAND. 30 21 36	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 20,″54 +		— 4,″53 +	
10	21, 27	0,″73	6, 15	1,″62
20	21, 36	0, 09	7, 58	1, 43
1 0 7	20, 79	0, 57	8, 78	1, 20
10	19, 59	1, 20	9, 72	0, 94
20	17, 80	1, 79	10, 37	0, 65
2 0 8	15, 46	2, 34	10, 72	0, 35
10	12, 66	2, 80	10, 72	0, 00
20	9, 47	3, 19	10, 39	0, 33
3 0 9	6, 00	3, 47	9, 76	0, 63
10	— 2, 34 +	3, 66	8, 83	0, 93
20	+ 1, 39 —	3, 73	7, 63	1, 20
4 0 10	5, 08	3, 69	6, 20	1, 43
10	8, 61	3, 53	4, 58	1, 62
20	11, 88	3, 27	2, 82	1, 76
5 0 11	14, 79	2, 91	— 0, 97 +	1, 85
10	17, 26	2, 47	+ 0, 91 —	1, 88
20	19, 19	1, 93	2, 76	1, 85

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 5,″39 +		+ 2,″47 —	
10	8, 35	2,″96	1, 24	1,″23
20	11, 05	2, 70	— 0, 02 +	1, 26
1 0 7	13, 40	2, 35	1, 29	1, 27
10	15, 35	1, 95	2, 52	1, 23
20	16, 85	1, 50	3, 66	1, 14
2 0 8	17, 81	0, 96	4, 70	1, 04
10	18, 23	0, 42	5, 60	0, 90
20	18, 09	0, 14	6, 32	0, 72
3 0 9	17, 42	0, 67	6, 85	0, 53
10	16, 22	1, 20	7, 18	0, 33
20	14, 53	1, 69	7, 29	0, 11
4 0 10	12, 39	2, 14	7, 17	0, 12
10	9, 87	2, 52	6, 84	0, 33
20	7, 07	2, 80	6, 30	0, 54
5 0 11	4, 05	3, 02	5, 56	0, 74
10	— 0, 90 +	3, 15	4, 66	0, 90
20	+ 2, 28 —	3, 18	3, 63	1, 03

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	15° 8′ 50″	+ 48,″89	FLAMST 29° 0′ 2″	+ 19,″37
DE ZACH	15 10 10		BARRY 29 1 30	
			L. LAND. 29 1 36	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 20,″27 +		— 4,″67 +	
10	20, 99	0,″72	6, 22	1,″55
20	21, 08	0, 09	7, 59	1, 37
1 0 7	20, 52	0, 56	8, 72	1, 13
10	19, 34	1, 18	9, 59	0, 87
20	17, 59	1, 75	10, 18	0, 59
2 0 8	15, 29	2, 30	10, 46	0, 28
10	12, 54	2, 75	10, 40	0, 06
20	9, 40	3, 14	10, 03	0, 37
3 0 9	5, 97	3, 43	9, 37	0, 66
10	— 2, 35 +	3, 62	8, 43	0, 94
20	+ 1, 33 —	3, 68	7, 23	1, 20
4 0 10	4, 97	3, 64	5, 79	1, 44
10	8, 46	3, 49	4, 18	1, 61
20	11, 69	3, 23	2, 44	1, 74
5 0 11	14, 57	2, 88	— 0, 64 +	1, 80
10	17, 01	2, 44	+ 1, 19 —	1, 83
20	18, 92	1, 91	2, 97	1, 78

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 5,″11 +		+ 2,″49 —	
10	8, 06	2,″95	1, 26	1,″23
20	10, 75	2, 69	— 0, 01 +	1, 27
1 0 7	13, 12	2, 37	1, 27	1, 26
10	15, 08	1, 96	2, 50	1, 23
20	16, 59	1, 51	3, 65	1, 15
2 0 8	17, 61	1, 02	4, 69	1, 04
10	18, 08	0, 47	5, 59	0, 90
20	18, 00	0, 08	6, 32	0, 73
3 0 9	17, 37	0, 63	6, 85	0, 53
10	16, 22	1, 15	7, 18	0, 33
20	14, 58	1, 64	7, 29	0, 11
4 0 10	12, 49	2, 09	7, 17	0, 12
10	10, 02	2, 47	6, 84	0, 33
20	7, 25	2, 77	6, 30	0, 54
5 0 11	4, 27	2, 98	5, 57	0, 73
10	— 1, 15 +	3, 12	4, 67	0, 90
20	+ 2, 01 —	3, 16	3, 64	1, 03

χ Piscium, in sequente pinna juxta caudam. 5. 84

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	15° 9′ 48″	+ 47,″96	FLAMST 20° 28′ 50″	+ 19,″37
DE ZACH	15 10 52		BARRY 19 58 3	
			L.LAND. 19 58 18	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″84 +		— 5,″86 +	
10	19, 52	0,″68	6, 92	1,″06
20	19, 61	0, 09	7, 76	0, 84
1 0 7	19, 10	0, 51	8, 38	0, 62
10	18, 01	1, 09	8, 74	0, 36
20	16, 38	1, 63	8, 83	0, 09
2 0 8	14, 26	2, 12	8, 65	0, 18
10	11, 70	2, 56	8, 21	0, 44
20	8, 77	2, 93	7, 53	0, 68
3 0 9	5, 58	3, 19	6, 62	0, 91
10	— 2, 23 +	3, 35	5, 51	1, 11
20	+ 1, 19 —	3, 42	4, 21	1, 30
4 0 10	4, 58	3, 39	2, 77	1, 44
10	7, 83	3, 25	— 1, 26 +	1, 51
20	10, 84	3, 01	+ 0, 27 —	1, 53
5 0 11	13, 53	2, 69	1, 77	1, 50
10	15, 80	2, 27	3, 23	1, 46
20	17, 59	1, 79	4, 62	1, 39

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 3,″34 +		+ 2,″50 —	
10	6, 26	2,″92	1, 27	1,″23
20	8, 98	2, 72	+ 0, 01 —	1, 26
1 0 7	11, 42	2, 44	— 1, 25 +	1, 26
10	13, 51	2, 09	2, 47	1, 22
20	15, 19	1, 68	3, 63	1, 16
2 0 8	16, 42	1, 23	4, 68	1, 05
10	17, 15	0, 73	5, 58	0, 90
20	17, 35	0, 20	6, 31	0, 73
3 0 9	17, 03	0, 32	6, 85	0, 54
10	16, 19	0, 84	7, 18	0, 33
20	14, 86	1, 33	7, 29	0, 11
4 0 10	13, 08	1, 78	7, 17	0, 12
10	10, 90	2, 18	6, 84	0, 33
20	8, 38	2, 52	6, 31	0, 53
5 0 11	5, 61	2, 77	5, 58	0, 73
10	— 2, 68 +	2, 93	4, 68	0, 90
20	+ 0, 33 —	3, 01	3, 65	1, 03

Φ Piscium, duarum in ventre auſtrina. 5. 85

	Aſcens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	15° 43′ 36″	+ 48,″36	FLAMST. 23°31′16″	+ 19,″32
DE ZACH	15 43 44		BARRY 23 31 22	
			L. LAND. 23 31 13	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♌ 0 0 6	— 19,″25 +		— 5,″34 +	
10	19, 99	0,″74	6, 57	1,″23
20	20, 13	0, 14	7, 61	1, 04
1 0 7	19, 63	0, 50	8, 43	0, 82
10	18, 53	1, 10	8, 99	0, 56
20	16, 89	1, 64	9, 29	0, 30
2 0 8	14, 74	2, 15	9, 31	0, 02
10	12, 13	2, 61	9, 04	0, 27
20	9, 14	2, 99	8, 48	0, 56
3 0 9	5, 88	3, 26	7, 67	0, 81
10	— 2, 45 +	3, 43	6, 63	1, 04
20	+ 1, 05 —	3, 50	5, 38	1, 25
4 0 10	4, 52	3, 47	3, 97	1, 41
10	7, 86	3, 34	2, 45	1, 52
20	10, 96	3, 10	— 0, 86 +	1, 59
5 0 11	13, 73	2, 77	+ 0, 76 —	1, 62
10	16, 08	2, 35	2, 36	1, 60
20	17, 93	1, 85	3, 90	1, 54

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♌ 0 0 6	— 4,″00 +		+ 2,″56 —	
10	6, 93	2,″93	1, 34	1,″22
20	9, 65	2, 72	+ 0, 08 —	1, 26
1 0 7	12, 07	2, 42	— 1, 19 +	1, 27
10	14, 11	2, 04	2, 42	1, 23
20	15, 73	1, 62	3, 58	1, 16
2 0 8	16, 89	1, 16	4, 63	1, 05
10	17, 53	0, 64	5, 55	0, 92
20	17, 62	0, 09	6, 29	0, 74
3 0 9	17, 18	0, 44	6, 83	0, 54
10	16, 23	0, 95	7, 17	0, 34
20	14, 79	1, 44	7, 30	0, 13
4 0 10	12, 90	1, 89	7, 20	0, 10
10	10, 61	2, 29	6, 88	0, 32
20	7, 99	2, 62	6, 35	0, 53
5 0 11	5, 14	2, 85	5, 63	0, 72
10	— 2, 13 +	3, 01	4, 74	0, 89
20	+ 0, 95 —	3, 08	3, 71	1, 03

♌ Piscium, trium deinde in lino lucidar. sequens. 4. 86

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	15° 49′ 13″		CAILLE 6° 30′ 56″	
BRADLEY	15 49 23		BRADL. 6 30 53	
TOB. MAYER	15 49 28		T. MAY. 6 30 56	
DE LAMBRE	15 49 21		BARRY 6 30 56	
DE ZACH	15 49 19	+ 46,″63	L. LAND. 6 30 59	+ 19,″30

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″76 +		— 7,″35 +	
10	18, 45	0,″69	7, 62	0,″27
20	18, 58	0, 13	7, 65	0, 03
1 0 7	18, 13	0, 45	7, 45	0, 20
10	17, 14	0, 99	7, 03	0, 42
20	15, 62	1, 52	6, 40	0, 63
2 0 8	13, 63	1, 99	5, 57	0, 83
10	11, 23	2, 40	4, 57	1, 00
20	8, 49	2, 74	3, 43	1, 14
3 0 9	5, 49	3, 00	2, 18	1, 25
10	— 2, 31 +	3, 18	— 0, 86 +	1, 32
20	+ 0, 93 —	3, 24	+ 0, 48 —	1, 34
4 0 10	4, 14	3, 21	1, 80	1, 32
10	7, 23	3, 09	3, 06	1, 26
20	10, 10	2, 87	4, 23	1, 17
5 0 11	12, 66	2, 56	5, 27	1, 04
10	14, 83	2, 17	6, 16	0, 89
20	16, 54	1, 71	6, 86	0, 70

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 1,″05 +		+ 2,″57 —	
10	3, 92	2,″87	1, 36	1,″21
20	6, 66	2, 74	+ 0, 10 —	1, 26
1 0 7	9, 19	2, 53	— 1, 17 +	1, 27
10	11, 45	2, 26	2, 41	1, 24
20	13, 37	1, 92	3, 57	1, 16
2 0 8	14, 88	1, 51	4, 62	1, 05
10	15, 93	1, 05	5, 54	0, 92
20	16, 50	0, 57	6, 28	0, 74
3 0 9	16, 57	0, 07	6, 82	0, 54
10	16, 14	0, 43	7, 18	0, 34
20	15, 22	0, 92	7, 30	0, 12
4 0 10	13, 83	1, 39	7, 20	0, 10
10	12, 02	1, 81	6, 88	0, 32
20	9, 85	2, 17	6, 35	0, 53
5 0 11	7, 38	2, 47	5, 64	0, 71
10	4, 69	2, 69	4, 75	0, 89
20	1, 85	2, 84	3, 72	1, 03

f Piscium, duarum parvularum in flexu sub tribus in lino lucidis australina. 6. 89

	Ascens. rect. med.	Var. ann.	Declin. med. Bor.	Var. ann.
DE LA CAILLE	16° 52′ 19″		CAILLE	2°33′32″
TOB. MAYER	16 52 22	Æ.	T. MAY.	2 33 32	Decl.
DE LAMBRE	16 52 22	med.	BARRY	2 33 30	med.
DE ZACH	16 52 21	+ 46,″27	L.LAND.	2 33 42	+ 19,″20

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″57 +		— 7,″72 +	
10	18, 32	0,″75	7, 75	0,″03
20	18, 51	0, 19	7, 55	0, 20
1 0 7		0, 38		0, 43
10	18, 13	0, 93	7, 12	0, 64
20	17, 20	1, 45	6, 48	0, 85
2 0 8	15, 75	1, 93	5, 63	1, 03
10	13, 82	2, 35	4, 60	1, 16
20	11, 47	2, 69	3, 44	1, 26
3 0 9	8, 78	2, 95	2, 18	1, 33
10	5, 83	3, 14	— 0, 85 +	1, 36
20	— 2, 69 +	3, 23	+ 0, 51 —	1, 33
4 0 10	+ 0, 54 —	3, 21	1, 84	1, 28
10	3, 75	3, 09	3, 12	1, 20
20	6, 84	2, 88	4, 32	1, 06
5 0 11	9, 72	2, 58	5, 38	0, 89
10	12, 30	2, 22	6, 27	0, 70
20	14, 52	1, 77	6, 97	0, 49
	16, 29		7, 46	

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″42 +		+ 2,″76 —	
10	3, 27	2,″85	1, 54	1,″22
20	6, 02	2, 75	+ 0, 27 —	1, 27
1 0 7	8, 58	2, 56	— 1, 01 +	1, 28
10	10, 88	2, 30	2, 25	1, 24
20	12, 85	1, 97	3, 43	1, 18
2 0 8	14, 44	1, 59	4, 51	1, 08
10	15, 59	1, 15	5, 44	0, 93
20	16, 26	0, 67	6, 22	0, 77
3 0 9	16, 44	0, 18	6, 78	0, 57
10	16, 12	0, 32	7, 15	0, 37
20	15, 32	0, 80	7, 32	0, 17
4 0 10	14, 04	1, 28	7, 26	0, 06
10	12, 33	1, 71	6, 97	0, 29
20	10, 26	2, 07	6, 47	0, 50
5 0 11	7, 88	2, 38	5, 77	0, 70
10	5, 25	2, 63	4, 91	0, 86
20	2, 45	2, 80	3, 90	1, 01

υ Piscium, duarum in ventre piscis bor. borea. 5. 90

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
FLAMSTEED	17° 6′ 13″		FLAMST 26° 12′ 21″	
DE ZACH	17 7 31	+ 48,″89	BARRY 26 12 36	
			L.LAND. 26 12 36	+ 19.″17

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 19,″53 +		— 4,″72 +	
10	20, 93	0,″86	6, 14	1,″42
20	20, 61	0, 22	7, 35	1, 21
1 0 7	20, 20	0, 41	8, 34	0, 99
10	19, 18	1, 02	9, 08	0, 74
20	17, 58	1, 60	9, 54	0, 46
2 0 8	15, 44	2, 14	9, 69	0, 15
10	12, 84	2, 60	9, 54	0, 15
20	9, 85	2, 99	9, 11	0, 43
3 0 9	6, 56	3, 29	8, 42	0, 69
10	— 3, 07 +	3, 49	7, 47	0, 95
20	+ 0, 52 —	3, 59	6, 29	1, 18
4 0 10	4, 09	3, 57	4, 92	1, 37
10	7, 54	3, 45	3, 39	1, 53
20	10, 76	3, 22	1, 76	1, 63
5 0 11	13, 64	2, 88	— 0, 09 +	1, 67
10	16, 12	2, 48	+ 1, 59 —	1, 68
20	18, 10	1, 98	3, 21	1, 62

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 4,″49 +		+ 2,″81 —	
10	7, 44	2,″95	1, 58	1,″23
20	10, 17	2, 73	+ 0, 31 —	1, 27
1 0 7	12, 58	2, 41	— 0, 96 +	1, 27
10	14, 61	2, 03	2, 21	1, 25
20	16, 20	1, 59	3, 40	1, 19
2 0 8	17, 30	1, 10	4, 49	1, 09
10	17, 88	0, 58	5, 43	0, 94
20	17, 90	0, 02	6, 20	0, 77
3 0 9	17, 38	0, 52	6, 78	0, 58
10	16, 33	1, 05	7, 16	0, 38
20	14, 79	1, 54	7, 33	0, 17
4 0 10	12, 80	1, 99	7, 27	0, 06
10	10, 43	2, 37	6, 99	0, 28
20	7, 74	2, 69	6, 50	0, 49
5 0 11	4, 80	2, 94	5, 81	0, 69
10	— 1, 71 +	3, 09	4, 95	0, 86
20	+ 1, 41 —	3, 12	3, 94	1, 01

1 ad ϱ Piscium, borea trium ordine jacentium in lino boreo et in extrema cauda. 5. 93

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	18° 52′ 25″		CAILLE 18° 7′40″	
TOB. MAYER	18 52 25		T. MAY. 18 7 41	
DE LAMBRE	18 52 29		BARRY 18 7 41	
DE ZACH	18 52 23	+ 48,″12	L. LAND. 18 7 46	+ 18,″99

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 18,″26 +		— 5,″74 +	
10	19, 17	0,″91	6, 67	0,″93
20	19, 50	0, 33	7, 39	0, 72
1 0 7	19, 24	0, 26	7, 89	0, 50
10	18, 39	0, 85	8, 15	0, 26
20	16, 97	1, 42	8, 17	0, 02
2 0 8	15, 04	1, 93	7, 95	0, 22
10	12, 65	2, 39	7, 48	0, 47
20	9, 88	2, 77	6, 78	0, 70
3 0 9	6, 82	3, 06	5, 88	0, 90
10	3, 55	3, 27	4, 80	1, 08
20	— 0, 17 +	3, 38	3, 57	1, 23
4 0 10	+ 3, 23 —	3, 40	2, 23	1, 34
10	6, 52	3, 29	— 0, 83 +	1, 40
20	9, 61	3, 09	+ 0, 61 —	1, 44
5 0 11	12, 40	2, 79	2, 03	1, 42
10	14, 82	2, 42	3, 37	1, 34
20	16, 79	1, 97	4, 62	1, 25

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″96 +		+ 3,″06 —	
10	5, 88	2,″92	1, 84	1,″22
20	8, 62	2, 74	+ 0, 58 —	1, 26
1 0 7	11, 10	2, 48	— 0, 70 +	1, 28
10	13, 26	2, 16	1, 96	1, 26
20	15, 00	1, 74	3, 16	1, 20
2 0 8	16, 28	1, 28	4, 27	1, 11
10	17, 07	0, 79	5, 26	0, 99
20	17, 35	0, 28	6, 09	0, 83
3 0 9	17, 10	0, 25	6, 72	0, 63
10	16, 33	0, 77	7, 15	0, 43
20	15, 07	1, 26	7, 36	0, 21
4 0 10	13, 33	1, 73	7, 35	0, 01
10	11, 20	2, 14	7, 12	0, 23
20	8, 73	2, 47	6, 67	0, 45
5 0 11	6, 00	2, 73	6, 01	0, 66
10	3, 08	2, 92	5, 17	0, 84
20	0, 06	3, 02	4, 19	0, 98

μ Piscium, trium post flexum lini praecedens. 5. 98

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	19° 55′ 31″		CAILLE 5° 6′ 40″	
BRADLEY	19 55 39		BRADL. 5 6 35	
TOB. MAYER	19 55 34		T. MAY. 5 6 38	
DE LAMBRE	19 55 41		L.LAND. 5 6 39	
DE ZACH	19 55 41	+ 46,″62		+ 18,″86

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″32 +		— 7,″39 +	
10	18, 24	0,″92	7, 57	0,″18
20	18, 61	0, 37	7, 51	0, 06
1 0 7		0, 19		0, 29
10	18, 42	0, 75	7, 22	0, 50
20	17, 67	1, 30	6, 72	0, 70
2 0 8	16, 37	1, 79	6, 02	0, 88
10	14, 58	2, 24	5, 14	1, 03
20	12, 34	2, 61	4, 11	1, 16
3 0 9	9, 73	2, 90	2, 95	1, 27
10	6, 83	3, 11	1, 68	1, 32
20	3, 72	3, 22	— 0, 36 +	1, 31
4 0 10	— 0, 50 +	3, 24	+ 0, 95 —	1, 29
10	+ 2, 74 —	3, 15	2, 24	1, 22
20	5, 89	2, 97	3, 46	1, 12
5 0 11	8, 86	2, 72	4, 58	0, 98
10	11, 58	2, 35	5, 56	0, 81
20	13, 93	1, 93	6, 37	0, 61
	15, 86		6, 98	

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″80 +		+ 3,″22 —	
10	3, 67	2,″87	2, 02	1,″20
20	6, 43	2, 76	+ 0, 76 —	1, 26
1 0 7		2, 56		1, 29
10	8, 99	2, 28	— 0, 53 +	1, 28
20	11, 27	1, 94	1, 81	1, 22
2 0 8	13, 21	1, 54	3, 03	1, 14
10	14, 75	1, 09	4, 17	1, 01
20	15, 84	0, 61	5, 18	0, 84
3 0 9	16, 45	0, 11	6, 02	0, 65
10	16, 56	0, 39	6, 67	0, 45
20	16, 17	0, 87	7, 12	0, 25
4 0 10	15, 30	1, 35	7, 37	0, 02
10	13, 95	1, 78	7, 39	0, 20
20	12, 27	2, 15	7, 19	0, 42
5 0 11	10, 02	2, 44	6, 77	0, 63
10	7, 58	2, 66	6, 14	0, 82
20	4, 92	2, 82	5, 32	0, 98
	2, 10		4, 34	

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	20ᵐ 11′ 56″		CAILLE 14°18′36″	
BRADLEY	20 11 54		BRADL. 14 18 38	
TOB. MAYER	20 11 58		T. MAY. 14 18 41	
DE LAMBRE	20 11 59		BARRY 14 18 41	
DE ZACH	20 11 57	47.″77	L. LAND. 14 18 53	18.″83

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 17,″78 +		— 6,″16 +	
10	18, 75	0,″97	6, 87	0,″71
20	19, 14	0, 39	7, 38	0, 51
1 0 7	18, 96	0, 18	7, 66	0, 28
10	18, 21	0, 75	7, 70	0, 04
20	16, 90	1, 31	7, 50	0, 20
2 0 8	15, 08	1, 82	7, 08	0, 42
10	12, 79	2, 29	6, 45	0, 63
20	10, 11	2, 68	5, 63	0, 82
3 0 9	7, 13	2, 98	4, 64	0, 99
10	3, 94	3, 19	3, 50	1, 14
20	— 0, 63 +	3, 31	2, 25	1, 25
4 0 10	+ 2, 70 —	3, 33	— 0, 94 +	1, 31
10	5, 95	3, 25	+ 0, 40 —	1, 34
20	9, 02	3, 07	1, 74	1, 34
5 0 11	11, 82	2, 80	3, 03	1, 27
10	14, 26	2, 44	4, 20	1, 17
20	16, 27	2, 01	5, 25	1, 05

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 2,″29 +		+ 3,″29 —	
10	5, 20	2,″91	2, 08	1,″21
20	7, 95	2, 75	+ 0, 81 —	1, 27
1 0 7	10, 46	2, 51	— 0, 48 +	1, 29
10	12, 66	2, 20	1, 76	1, 28
20	14, 47	1, 81	2, 99	1, 23
2 0 8	15, 84	1, 37	4, 13	1, 14
10	16, 73	0, 89	5, 14	1, 01
20	17, 11	0, 38	6, 00	0, 86
3 0 9	16, 98	0, 13	6, 66	0, 66
10	16, 33	0, 65	7, 12	0, 46
20	15, 18	1, 15	7, 38	0, 26
4 0 10	13, 56	1, 62	7, 41	0, 03
10	11, 53	2, 03	7, 22	0, 19
20	9, 16	2, 37	6, 80	0, 42
5 0 11	6, 51	2, 65	6, 18	0, 62
10	3, 66	2, 85	5, 37	0, 81
20	0, 70	2, 96	4, 39	0, 98

♓ Piscium, trium dictarum auſtrina. 5. 102

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Auſt.	Var. ann. Decl. med.
DE LA CAILLE	21° 37′ 42″		CAILLE 11° 6′ 52″	
BRADLEY	21 37 51		BRADL. 11 6 47	
TOB. MAYER	21 37 46		T. MAY. 11 6 52	
DE LAMBRE	21 37 42		BARRY 11 6 56	
DE ZACH	21 37 38	47,″46 +	L.LAND. 11 7 5	18,″66 +

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♈ 0 0 6	— 17,″40 +		— 6,″52 +	
10	18, 43	1,″03	7, 04	0,″52
20	18, 91	0, 48	7, 35	0, 31
1 0 7	18, 81	0, 10	7, 44	0, 09
10	18, 14	0, 67	7, 30	0, 14
20	16, 93	1, 21	6, 93	0, 37
2 0 8	15, 21	1, 72	6, 36	0, 57
10	13, 01	2, 20	5, 60	0, 76
20	10, 41	2, 60	4, 66	0, 94
3 0 9	7, 51	2, 90	3, 58	1, 08
10	4, 38	3, 13	2, 39	1, 19
20	— 1, 11 +	3, 27	— 1, 13 +	1, 26
4 0 10	+ 2, 19 —	3, 30	+ 0, 16 —	1, 29
10	5, 42	3, 23	1, 44	1, 28
20	8, 49	3, 07	2, 69	1, 25
5 0 11	11, 30	2, 81	3, 87	1, 18
10	13, 77	2, 47	4, 91	1, 04
20	15, 82	2, 05	5, 80	0, 89

Long. ♌	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♈ 0 0 6	— 1,″73 +		+ 3,″49 —	
10	4, 64	2,″91	2, 28	1,″21
20	7, 41	2, 77	+ 1, 03 —	1, 26
1 0 7	9, 96	2, 55	— 0, 26 +	1, 28
10	12, 19	2, 23	1, 54	1, 28
20	14, 05	1, 86	2, 79	1, 25
2 0 8	15, 49	1, 44	3, 95	1, 16
10	16, 45	0, 96	4, 99	1, 04
20	16, 91	0, 46	5, 89	0, 90
3 0 9	16, 86	0, 05	6, 60	0, 71
10	16, 30	0, 56	7, 10	0, 50
20	15, 26	1, 04	7, 39	0, 29
4 0 10	13, 74	1, 52	7, 46	0, 07
10	11, 80	1, 94	7, 31	0, 15
20	9, 50	2, 30	6, 93	0, 38
5 0 11	6, 92	2, 58	6, 33	0, 60
10	4, 14	2, 78	5, 55	0, 78
20	1, 23	2, 91	4, 59	0, 96

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	22° 45′ 30″		CAILLE 4″28′20″	
BRADLEY	22 45 30		BRADL. 4 28 13	
TOB. MAYER	22 45 38		T. MAY. 4 28 19	
DE LAMBRE	22 45 29		BARRY 4 28 19	
DE ZACH	22 45 28	+ 46,″61	L. LAND. 4 28 30	+ 18,″50

Long. ☉			Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
♀	0	6	— 16,″96 +		— 7,″39 +	
	10		18, 06	1,″10	7, 53	0,″14
	20		18, 60	0, 54	7, 45	0, 08
				0, 02		0, 32
♁	0	7	18, 58		7, 13	
	10		17, 99	0, 59	6, 59	0, 54
	20		16, 86	1, 13	5, 85	0, 74
				1, 64		0, 91
♂	0	8	15, 22		4, 94	
	10		13, 12	2, 10	3, 88	1, 06
	20		10, 61	2, 51	2, 70	1, 18
				2, 84		1, 27
♃	0	9	7, 77		1, 43	
	10		4, 70	3, 07	— 0, 12 +	1, 31
	20		— 1, 49 +	3, 21	+ 1, 18 —	1, 30
				3, 25		1, 26
♄	0	10	+ 1, 76 —		2, 44	
	10		4, 95	3, 19	3, 64	1, 20
	20		7, 98	3, 03	4, 74	1, 10
				2, 80		0, 94
♅	0	11	10, 78		5, 68	
	10		13, 27	2, 49	6, 45	0, 77
	20		15, 36	2, 09	7, 03	0, 58

Long. ☊			Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
♀	0	6	— 0,″69 +		+ 3,″68 —	
	10		3, 56	2,″87	2, 48	1,″20
	20		6, 32	2, 76	+ 1, 22 —	1, 26
				2, 56		1, 30
♁	0	7	8, 88		— 0, 08 +	
	10		11, 17	2, 29	1, 38	1, 30
	20		13, 14	1, 97	2, 65	1, 27
				1, 56		1, 18
♂	0	8	14, 70		3, 83	
	10		15, 81	1, 11	4, 89	1, 06
	20		16, 44	0, 63	5, 80	0, 91
				0, 14		0, 73
♃	0	9	16, 58		6, 53	
	10		16, 21	0, 37	7, 07	0, 54
	20		15, 34	0, 87	7, 40	0, 33
				1, 34		0, 10
♄	0	10	14, 00		7, 50	
	10		12, 24	1, 76	7, 37	0, 13
	20		10, 12	2, 12	7, 02	0, 35
				2, 43		0, 56
♅	0	11	7, 69		6, 46	
	10		5, 02	2, 67	5, 70	0, 76
	20		2, 20	2, 82	4, 76	0, 94

o Piscium, in lino boreo à connexu praecedens. 5. 110

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	23° 42′ 12″		CAILLE 8° 8′ 49″	
BRADLEY	23 42 41		BRADL. 8 8 44	
TOB. MAYER	23 42 45		T. MAY. 8 8 49	
DE LAMBRE	23 42 41		BARRY 8 8 46	
DE ZACH	23 42 39	+ 47,″16	L.LAND. 8 8 54	+ 18,″38

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
○ 0 6	— 16,″98 +		— 6,″84 +	
10	18, 12	1,″15	7, 20	0,″36
20	18, 73	0, 61	7, 33	0, 13
1 0 7	18, 76	0, 03	7, 23	0, 10
10	18, 21	0, 55	6, 91	0, 32
20	17, 12	1, 09	6, 38	0, 53
2 0 8	15, 52	1, 60	5, 66	0, 72
10	13, 45	2, 07	4, 78	0, 88
20	10, 97	2, 48	3, 74	1, 04
3 0 9	8, 14	2, 83	2, 59	1, 15
10	5, 06	3, 08	1, 36	1, 23
20	— 1, 83 +	3, 23	— 0, 09 +	1, 27
4 0 10	+ 1, 45 —	3, 28	+ 1, 17 —	1, 26
10	4, 68	3, 23	2, 41	1, 24
20	7, 77	3, 09	3, 58	1, 17
5 0 11	10, 64	2, 87	4, 64	1, 06
10	13, 18	2, 54	5, 57	0, 93
20	15, 31	2, 13	6, 30	0, 73

Long. ☊.	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
○ 0 6	— 1,″25 +		+ 3,″93 —	
10	4, 14	2,″89	2, 62	1,″21
20	6, 91	2, 77	1, 36	1, 26
1 0 7	9, 46	2, 55	+ 0, 07 —	1, 29
10	11, 73	2, 27	— 1, 24 +	1, 31
20	13, 64	1, 91	2, 52	1, 28
2 0 8	15, 14	1, 50	3, 73	1, 21
10	16, 18	1, 04	4, 80	1, 07
20	16, 72	0, 54	5, 73	0, 93
3 0 9	16, 76	0, 04	6, 49	0, 76
10	16, 29	0, 47	7, 06	0, 55
20	15, 33	0, 96	7, 41	0, 35
4 0 10	13, 89	1, 44	7, 53	0, 12
10	12, 03	1, 86	7, 43	0, 10
20	9, 81	2, 22	7, 10	0, 33
5 0 11	7, 29	2, 52	6, 56	0, 54
10	4, 55	2, 74	5, 82	0, 74
20	1, 68	2, 87	4, 90	0, 92

ξ Piscium, trium post flexum sequens. 6. 111

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	25° 48′ 16″	+ 46,″35	CAILLE 2°11′44″	+ 18.″07
DE ZACH	25 48 8		BARRY 2 11 39	
			L. LAND. 2 11 57	

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″51 +		— 7,″67 +	
10	17, 79	1,″28	7, 66	0,″01
20	18, 52	0, 74	7, 42	0, 24
1 0 7	18, 68	0, 16	6, 96	0, 46
10	18, 24	0, 43	6, 29	0, 67
20	17, 28	0, 97	5, 43	0, 86
2 0 8	15, 79	1, 49	4, 40	1, 03
10	13, 83	1, 96	3, 22	1, 18
20	11, 45	2, 38	1, 94	1, 28
3 0 9	8, 70	2, 74	— 0, 62 +	1, 32
10	5, 71	3, 00	+ 0, 71 —	1, 33
20	— 2, 53 +	3, 18	2, 02	1, 31
4 0 10	+ 0, 73 —	3, 26	3, 28	1, 26
10	3, 96	3, 23	4, 44	1, 16
20	7, 06	3, 10	5, 46	1, 02
5 0 11	9, 95	2, 89	6, 32	0, 86
10	12, 56	2, 61	6, 98	0, 66
20	14, 78	2, 22	7, 44	0, 46

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″33 +		+ 4,″14 —	
10	3, 18	2,″85	2, 97	1,″17
20	5, 95	2, 77	1, 71	1, 26
1 0 7	8, 53	2, 58	+ 0, 40 —	1, 31
10	10, 84	2, 31	— 0, 92 +	1, 32
20	12, 82	1, 98	2, 23	1, 31
2 0 8	14, 42	1, 60	3, 47	1, 24
10	15, 60	1, 18	4, 59	1, 12
20	16, 29	0, 69	5, 57	0, 98
3 0 9	16, 47	0, 18	6, 38	0, 81
10	16, 16	0, 31	7, 00	0, 62
20	15, 37	0, 79	7, 42	0, 42
4 0 10	14, 10	1, 27	7, 61	0, 19
10	12, 40	1, 70	7, 56	0, 05
20	10, 33	2, 07	7, 27	0, 29
5 0 11	7, 95	2, 38	6, 77	0, 50
10	5, 33	2, 62	6, 07	0, 70
20	2, 54	2, 79	5, 19	0, 88

	Ascens. rect. med.	Var. ann. Æ. med.	Declin. med. Bor.	Var. ann. Decl. med.
DE LA CAILLE	27° 55′ 40″		CAILLE 1° 47′ 37″	
BRADLEY	27 56 27		BRADL. 1 47 29	
TOB. MAYER	27 55 47		T. MAY. 1 47 36	
DE LAMBRE	27 55 38		BARRY 1 47 37	
DE ZACH	27 55 34	+ 46,″30	L. LAND. 1 47 45	+ 17,″73

Long. ☉	Aberratio in Æ.	Differ.	Aberratio in Decl.	Differ.
0 0 6	— 16,″23 +		— 7,″70 +	
10	17, 60	1,″37	7, 68	0,″02
20	18, 45	0, 85	7, 43	0, 25
1 0 7	18, 74	0, 29	6, 94	0, 49
10	18, 45	0, 29	6, 25	0, 69
20	17, 60	0, 85	5, 38	0, 87
2 0 8	16, 22	1, 38	4, 33	1, 05
10	14, 35	1, 87	3, 15	1, 18
20	12, 04	2, 31	1, 89	1, 26
3 0 9	9, 36	2, 68	— 0, 55 +	1, 34
10	6, 41	2, 95	+ 0, 80 —	1, 35
20	— 3, 25 +	3, 16	2, 11	1, 31
4 0 10	+ 0, 01 —	3, 26	3, 37	1, 26
10	3, 26	3, 25	4, 53	1, 16
20	6, 40	3, 14	5, 55	1, 02
5 0 11	9, 36	2, 96	6, 40	0, 85
10	12, 04	2, 68	7, 05	0, 65
20	14, 35	2, 31	7, 48	0, 43

Long. ☊	Nutatio in Æ.	Differ.	Nutatio in Decl.	Differ.
0 0 6	— 0,″26 +		+ 4,″41 —	
10	3, 12	2,″86	3, 26	1,″16
20	5, 88	2, 76	2, 02	1, 24
1 0 7	8, 45	2, 57	+ 0, 72 —	1, 30
10	10, 77	2, 32	— 0, 61 +	1, 33
20	12, 77	2, 00	1, 94	1, 33
2 0 8	14, 38	1, 61	3, 21	1, 27
10	15, 56	1, 18	4, 38	1, 17
20	16, 25	0, 69	5, 40	1, 02
3 0 9	16, 45	0, 20	6, 26	0, 86
10	16, 16	0, 29	6, 93	0, 67
20	15, 38	0, 78	7, 40	0, 47
4 0 10	14, 12	1, 26	7, 64	0, 24
10	12, 43	1, 69	7, 64	0, 00
20	10, 37	2, 06	7, 42	0, 22
5 0 11	7, 99	2, 38	6, 96	0, 46
10	5, 38	2, 61	6, 30	0, 66
20	2, 61	2, 77	5, 47	0, 83

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AD

INVENIENDAM CVIVSVIS STELLAE

ABERRATIONIS ET NVTATIONIS

TABVLAM.

Sub voce cuiusque ſigni zodiacalis invenies ſtellas primum ex ordine literarum graecarum, deinde latinarum, quas denique excipiunt ſtellae numeris tantum ſignatae ex ordine arithmetico.

Nomina ſtellarum.	pag. tab.	*Nomina ſtellarum.*	pag. tab.	*Nomina ſtellarum.*	pag. tab.
Alcyone (η ♉)	32	Aquarius ψ^1 91 ..	438	Aries . . ι 8 ..	3
Aldebaran (α ♉)	59	ψ^2 93 ..	440	$\varkappa$ 12 ..	5
Ancha (θ ♒) .	416	ψ^3 95 ..	441	λ 9 ..	4
Antares (α ♏)	320	ω^1 102 ..	443	μ 34 ..	12
Apollo (α ♊)	109	A^1 103 ..	444	ν 32 ..	11
Aquarius α 34 ..	413	A^3 106 ..	445	ξ 24 ..	10
β 22 ..	408	b^2 99 ..	442	o 37 ..	14
γ 48 ..	419	c^2 88 ..	436	π 42 ..	17
δ 76 ..	433	d 25 ..	410	ϱ^2 40 ..	19
ε 2 ..	403	e 38 ..	415	σ 43 ..	18
ζ 55 ..	424	g^1 66 ..	429	τ^2 63 ..	23
η 62 ..	427	h^1 83 ..	435	19 ..	8
θ 43 ..	416	3 ..	404	35 ..	13
ι 33 ..	412	18 ..	406	39 ..	15
$\varkappa$ 63 ..	428	35 ..	414	41 ..	16
λ 73 ..	432	47 ..	418	Aſellus auſtrinus	147
μ 6 ..	405	49 ..	420	Aſellus boreus	145
ν 13 ..	407	51 ..	421	Atlas (f ♉) . .	33
ξ 23 ..	409	53 ..	423	Aurigae γ . .	67
o 31 ..	411	79 ..	434	Azimech (*Spica*)	257
π 52 ..	422	Aries α 13 ..	6		
ϱ 46 ..	417	β 6 ..	2	Cancer α^1 60 ..	156
σ 57 ..	425	γ^2 5 ..	1	α^2 65 ..	159
τ^1 69 ..	430	δ 57 ..	21	β 17 ..	130
τ^2 71 ..	431	ε 48 ..	20	γ 43 ..	145
υ 59 ..	426	ζ 58 ..	22	δ 47 ..	147
φ 90 ..	437	η 17 ..	7	ε 41 ..	144
χ 92 ..	439	θ^1 22 ..	9	ζ 16 ..	129

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Nomina ſtellarum.	pag. tab.	*Nomina ſtellarum.*	pag. tab.	*Nomina ſtellarum.*	pag. tab.
Pisces . . τ 83 ..	481	Sagittarius μ^2 15 ..	339	Scorpio ν 14 ..	316
υ 90 ..	486	ν^1 32 ..	346	π 6 ..	310
φ 85 ..	483	ν^2 35 ..	348	ϱ 5 ..	309
χ 84 ..	482	ξ^2 37 ..	349	σ 20 ..	319
ψ^1 74 ..	477	o 39 ..	351	τ 23 ..	322
ψ^2 79 ..	478	π 41 ..	353	υ 34 ..	329
ω 28 ..	458	ρ^1 44 ..	356	χ 15 ..	317
A 5 ..	447	σ 34 ..	347	ω^1 9 ..	313
b 7 ..	449	τ 40 ..	352	ω^2 10 ..	314
c^2 32 ..	461	υ 46 ..	357	A^1 2 ..	308
d 41 ..	465	φ 27 ..	344	b 1 ..	307
e 80 ..	479	χ^1 47 ..	358	c^1 12 ..	315
f 89 ..	485	ψ 42 ..	354	m 24 ..	323
g 82 ..	480	ω 58 ..	363	18 ..	318
h^1 68 ..	474	A 60 ..	365	22 ..	321
k 67 ..	473	a 7 ..	336	28 ..	327
12 ..	452	b 4 ..	335	30 ..	328
19 ..	455	b 59 ..	364	Situla (k ♒) . .	428
21 ..	456	c 62 ..	367	Spica (α ♍) .	257
26 ..	457	d 43 ..	355		
29 ..	459	e^2 54 ..	360		
30 ..	460	f 56 ..	361	Taurus α 87 ..	59
33 ..	462	g 61 ..	366	β 112 ..	67
37 ..	463	h^1 52 ..	359	γ 54 ..	44
39 ..	464	p 3 ..	334	δ^1 61 ..	46
43 ..	466	2 ..	333	δ^2 64 ..	47
46 ..	467	21 ..	342	δ^3 68 ..	51
51 ..	468	29 ..	345	ε 74 ..	54
55 ..	469	57 ..	362	ζ 123 ..	69
59 ..	470	63 ..	368	η 25 ..	32
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		β 8 ..	312	$\varkappa^2$ 67 ..	50
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		δ 7 ..	311	μ 49 ..	41
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δ 19 ..	340	ι 26 ..	324	ξ 2 ..	25
ε 20 ..	341	ι^1 74 ..	332	o 114 ..	68
ζ 38 ..	350	$\varkappa$ 73 ..	331	π 73 ..	53
λ 22 ..	343	λ 35 ..	330	ϱ 86 ..	58
μ^1 13 ..	338	μ^1 61 ..	325	τ 94 ..	61

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ad inveniendam cuiusvis ſtellae aberrationis et nutationis tabulam

Nomina ſtellarum.	pag. tab.	*Nomina ſtellarum.*	pag. tab.	*Nomina ſtellarum.*	pag. tab.
Taurus υ^1 69..	52	Vindemiatrix (ε Vir)	249	Virgo g 49..	250
φ 52..	43			h 76..	261
χ 59..	45	Virgo . . α 67..	257	i 68..	258
ψ 42..	38	β 5..	228	k 44..	248
ω^1 43..	39	γ 29..	242	l^2 74..	260
ω^2 50..	42	δ 43..	247	m 82..	263
A 37..	36	ε 47..	249	o 84..	264
b 17..	30	ζ 79..	262	p 90..	266
d 23..	31	η 15..	235	q 21..	238
d 88..	60	θ 51..	251	s 11..	233
e 30..	34	ι 99..	270	t 12..	234
f 5..	27	$\varkappa$ 98..	269	. 20..	237
f 27..	33	λ 100..	271	23..	239
i 97..	62	μ 107..	274	35..	244
m 104..	64	ν 3..	227	38..	245
n 109..	66	ξ^1 2..	226	53..	252
o 1..	24	o 9..	232	57..	253
p 44..	40	π 8..	231	61..	256
r 66..	49	ϱ 30..	243	64..	255
s 4..	26	σ 60..	254	69..	259
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TABVLAE
ABERRATIONIS
ET
NVTATIONIS
VNIVERSALES

AD MENTEM

CL. DELAMBRE

ET

CL. DE LA PLACE

VNA CVM

TABVLA

EPOCHARVM LONGITVDINIS MEDIAE
NODI ASCENDENTIS LVNAE

SECVNDVM

CL. BÜRG.

ABERRATIONIS TABVLAE VNIVERSALES.

Posita Aberratione maxima secundum Clar.
DELAMBRE = 20,″255.

Argum. pro Aberratione in Asc. rect. (AR. * — long. ☉)
Argum. pro Aberratione in Declinat. (AR * — long. ☉ + 3 sign.)

TABVLA I.

Grad.	0s 6s —	+	1s 7s —	+	2s 8 —	+	Grad.
0	19,″42		16,″82		9,″71		30
1	19, 41		16, 64		9, 41		29
2	19, 41		16, 47		9, 12		28
3	19, 39		16, 29		8, 82		27
4	19. 37		16, 10		8, 51		26
5	19, 34		15, 91		8, 21		25
6	19, 31		15, 71		7, 90		24
7	19, 27		15, 51		7, 59		23
8	19, 23		15, 30		7, 27		22
9	19, 18		15, 09		6, 96		21
10	19, 12		14, 88		6, 64		20
11	19, 06		14, 66		6, 32		19
12	18, 99		14, 43		6, 00		18
13	18, 92		14, 20		5, 68		17
14	18, 84		13, 97		5, 35		16
15	18, 76		13, 73		5, 03		15
16	18, 67		13, 49		4, 70		14
17	18, 57		13, 24		4, 37		13
18	18, 47		12, 99		4, 04		12
19	18, 36		12, 74		3, 71		11
20	18, 25		12, 48		3, 37		10
21	18, 13		12, 22		3, 04		9
22	18, 00		11, 96		2, 70		8
23	17, 87		11, 69		2, 37		7
24	17, 74		11, 41		2, 03		6
25	17, 60		11, 14		1, 69		5
26	17, 45		10, 86		1, 35		4
27	17, 30		10, 58		1, 02		3
28	17, 15		10, 29		0, 68		2
29	16, 98		10, 00		0, 34		1
30	16, 82		9, 71		0, 00		0
Grad.	—	+	—	+	—	+	Grad.
	11s 5s		10s 4s		9s	3s	

Aberrationem in AR. e tab. I et II petitam multiplica per secantem decl. *.

Argum. pro Aberratione in Asc. rect. (AR. * + long. ☉)
Argum. pro Aberratione in Declin. (AR. * + long. ☉ + 3 sign.)

TABVLA II.

Grad.	0s 6s +	—	1s 7s +	—	2s 8s +	—	Grad.
0	0,″84		0,″73		0,″42		30
1	0, 84		0, 72		0, 41		29
2	0, 84		0, 71		0, 39		28
3	0, 84		0, 70		0, 38		27
4	0, 84		0, 69		0, 37		26
5	0, 83		0, 69		0, 35		25
6	0, 83		0, 68		0, 34		24
7	0, 83		0, 67		0, 33		23
8	0, 83		0, 66		0, 31		22
9	0, 83		0, 65		0, 30		21
10	0, 83		0, 64		0, 29		20
11	0, 82		0, 63		0, 27		19
12	0, 82		0, 62		0, 26		18
13	0, 82		0, 61		0, 25		17
14	0, 81		0, 60		0, 23		16
15	0, 81		0, 59		0, 22		15
16	0, 81		0, 58		0, 20		14
17	0, 80		0, 57		0, 19		13
18	0, 80		0, 56		0, 17		12
19	0, 79		0, 55		0, 16		11
20	0, 79		0, 54		0, 15		10
21	0, 78		0, 53		0, 13		9
22	0, 78		0, 52		0, 12		8
23	0, 77		0, 50		0, 10		7
24	0, 77		0, 49		0, 09		6
25	0, 76		0, 48		0, 07		5
26	0, 75		0, 47		0, 06		4
27	0, 75		0, 46		0, 04		3
28	0, 74		0, 44		0, 03		2
29	0, 73		0, 43		0, 02		1
30	0, 73		0, 42		0, 01		0
Grad.	+	—	+	—	+	—	Grad.
	11s 5s		10s 4s		9s	3s	

Partem Aberrat. in Decl. e tab. I et II petitam multiplica per sinum decl. *.

ABERRATIONIS TABVLAE VNIVERSALES.

Posita Aberratione maxima secundum Clar.
DELAMBRE = 20,"255.

Argumenta pro Aberratione in Decl. (long. ☉ + decl. *) et (long. ☉ − decl. *).
Si Declinatio australis, his Argumentis VI signa adde.

TABVLA III.

Grad.	0s 6s − +	1s 7s − +	2s 8s − +	Grad.
0	4,"03	3,"49	2,"02	30
1	4, 03	3, 46	1, 96	29
2	4, 03	3, 42	1, 89	28
3	4, 03	3, 38	1, 83	27
4	4, 02	3, 34	1, 77	26
5	4, 02	3, 30	1, 70	25
6	4, 01	3, 26	1, 64	24
7	4, 00	3, 22	1, 58	23
8	3, 99	3, 18	1, 51	22
9	3, 98	3, 13	1, 45	21
10	3, 97	3, 09	1, 38	20
11	3, 96	3, 04	1, 31	19
12	3, 95	3, 00	1, 25	18
13	3, 93	2, 95	1, 18	17
14	3, 91	2, 90	1, 11	16
15	3, 90	2, 85	1, 04	15
16	3, 88	2, 80	0, 98	14
17	3, 86	2, 75	0, 91	13
18	3, 84	2, 70	0, 84	12
19	3, 81	2, 65	0, 77	11
20	3, 79	2, 59	0, 70	10
21	3, 77	2, 54	0, 63	9
22	3, 74	2, 48	0, 56	8
23	3, 71	2, 43	0, 49	7
24	3, 68	2, 37	0, 42	6
25	3, 66	2, 31	0, 35	5
26	3, 63	2, 26	0, 28	4
27	3, 59	2, 20	0, 21	3
28	3, 56	2, 14	0, 14	2
29	3, 53	2, 08	0, 07	1
30	3, 49	2, 02	0, 00	0
Grad.	− + 11s 5s	− + 10s 4s	− + 9s 3s	Grad.

Usus harum tabularum per se planus et perpetuus est. Tabulam I ingredere cum Argumento AR * − long. ☉ et Tab. II cum Arg. AR * + long. ☉, numeros inventos adde vel subtrahe, prout signum in tabula postulat; summam vel differentiam si duxeris in secantem seu in complementum Cosin. Declinationis, habebis Aberrationem pro natura signi algebraici Ascensioni rectae applicandam.

E Tabula I cum Arg. AR * − long. ☉ + 3s et e Tab. II cum Arg. AR * + long. ☉ + 3s excerpe numeros competentes. Aggregatum vel residuum, prout titulus imperat, multiplica per sinum Declinationis, et habebis partem primam Aberrationis in Declinationem.

Ingredere Tabulam III primo loco cum Argumento long. ☉ + Decl. *, dein cum Arg. long. ☉ − Declin. *, invenies secundam et tertiam partem Aberrationis in Declinationem pro ratione signi algebraici parti primae adhibendam.

NVTATIONIS TABVLAE VNIVERSALES.

Ad mentem Cl. DE LA *PLACE in Hypotheſi elliptica poſita ratione axium* = 20,"111 : 14,"971.

Argument. pro Nutatione in Aſc. rect. (AR. ☉ — long. ☊☾ — 3 ſign.)
Argumentum pro Nutatione in Declin (AR. ☉ — long. ☊☾)
Si Declinatio auſtralis, Argumentis VI ſigna adde.

TABVLA I.

Grad.	0ˢ 6ˢ +	—	1ˢ 7ˢ +	—	2ˢ 8ˢ +	—	Grad.
0	0,"00		4,"39		7,"60		30
1	0, 15		4, 52		7, 67		29
2	0, 31		4, 65		7, 74		28
3	0, 46		4, 78		7, 81		27
4	0, 61		4, 90		7, 88		26
5	0, 76		5, 03		7, 94		25
6	0, 92		5, 16		8, 01		24
7	1, 07		5, 28		8, 07		23
8	1, 22		5, 39		8, 13		22
9	1, 37		5, 52		8, 19		21
10	1, 52		5, 64		8, 24		20
11	1, 67		5, 75		8, 29		19
12	1, 82		5, 87		8, 34		18
13	1, 97		5, 98		8, 39		17
14	2, 12		6, 09		8, 43		16
15	2, 27		6, 20		8, 47		15
16	2, 42		6, 31		8, 51		14
17	2, 56		6, 41		8, 55		13
18	2, 71		6, 52		8, 58		12
19	2, 86		6, 62		8, 61		11
20	3, 00		6, 72		8, 64		10
21	3, 14		6, 82		8, 66		9
22	3, 29		6, 91		8, 69		8
23	3, 43		7, 00		8, 71		7
24	3, 57		7, 10		8, 72		6
25	3, 71		7, 18		8, 74		5
26	3, 84		7, 27		8, 75		4
27	3, 98		7, 36		8, 76		3
28	4, 12		7, 44		8, 77		2
29	4, 25		7, 52		8, 77		1
30	4, 39		7, 60		8, 77		0
Grad.	—	+	—	+	—	+	Grad.
	11ˢ 5ˢ		10ˢ 4ˢ		9ˢ 3ˢ		

Argument. pro Nutatione in Aſc. rect. (AR. ☉ + long. ☊☾ — 3 ſign.)
Argumentum pro Nutatione in Declin. (AR. ☉ + long. ☊☾)
Si Declinatio auſtralis, Argumentis VI ſigna adde.

TABVLA II.

Grad.	0ˢ 6ˢ +	—	1ˢ 7ˢ +	—	2ˢ 8ˢ +	—	Grad.
0	0,"00		0,"64		1,"11		30
1	0, 02		0, 66		1, 12		29
2	0, 04		0, 68		1, 13		28
3	0, 07		0, 70		1, 14		27
4	0, 09		0, 72		1, 16		26
5	0, 11		0, 74		1, 16		25
6	0, 13		0, 76		1, 17		24
7	0, 16		0, 77		1, 19		23
8	0, 18		0, 79		1, 19		22
9	0, 20		0, 81		1, 20		21
10	0, 22		0, 83		1, 21		20
11	0, 25		0, 84		1, 22		19
12	0, 27		0, 86		1, 22		18
13	0, 29		0, 88		1, 23		17
14	0, 31		0, 89		1, 24		16
15	0, 33		0, 91		1, 24		15
16	0, 35		0, 92		1, 25		14
17	0, 38		0, 94		1, 25		13
18	0, 40		0, 95		1, 26		12
19	0, 42		0, 97		1, 26		11
20	0, 44		0, 98		1, 27		10
21	0, 46		1, 00		1, 27		9
22	0, 48		1, 01		1, 27		8
23	0, 50		1, 03		1, 28		7
24	0, 52		1, 04		1, 28		6
25	0, 54		1, 06		1, 28		5
26	0, 56		1, 07		1, 28		4
27	0, 58		1, 08		1, 28		3
28	0, 60		1, 09		1, 28		2
29	0, 62		1, 10		1, 28		1
30	0, 64		1, 11		1, 29		0
Grad.	—	+	—	+	—	+	Grad.
	11ˢ 5ˢ		10ˢ 4ˢ		9ˢ 3ˢ		

NVTATIONIS TABVLAE VNIVERSALES.

Ad mentem Cl. DE LA *PLACE in Hypotheſi elliptica poſita ratione axium* = 20,"111 : 14,"971.

Argument. pro Nutatione in Aſc. rect.
Longitudo Nodi aſcendentis Lunae.

TABVLA III.

Grad.	0ˢ 6ˢ — +	1ˢ 7ˢ — +	2ˢ 8ˢ — +	Grad
0	0,"00	8,"62	14,"93	30
1	0, 30	8, 88	15, 08	29
2	0, 60	9, 14	15, 23	28
3	0, 90	9, 39	15, 36	27
4	1, 20	9, 64	15, 50	26
5	1, 50	9, 89	15, 63	25
6	1, 80	10, 14	15, 75	24
7	2, 10	10, 38	15, 87	23
8	2, 40	10, 62	15, 99	22
9	2, 70	10, 85	16, 10	21
10	2, 99	11, 08	16, 20	20
11	3, 29	11, 31	16, 30	19
12	3, 59	11, 54	16, 40	18
13	3, 88	11, 76	16, 49	17
14	4, 17	11, 98	16, 58	16
15	4, 46	12, 19	16, 66	15
16	4, 75	12, 40	16, 73	14
17	5, 04	12, 61	16, 80	13
18	5, 33	12, 81	16, 87	12
19	5, 61	13, 01	16, 93	11
20	5, 90	13, 21	16, 98	10
21	6, 18	13, 40	17, 03	9
22	6, 46	13, 59	17, 08	8
23	6, 74	13, 77	17, 12	7
24	7, 01	13, 95	17, 15	6
25	7, 29	14, 13	17, 18	5
26	7, 56	14, 30	17, 20	4
27	7, 83	14, 46	17, 22	3
28	8, 10	14, 62	17, 23	2
29	8, 36	14, 78	17, 24	1
30	8, 62	14, 93	17, 24	0
Grad.	+ — 11ˢ 5ˢ	+ — 10ˢ 4ˢ	+ — 9ˢ 3ˢ	Grad.

Partem Nutat. in Aſc. rect. e tab. I et II petitam duc in tangentem Declinat. ✱.

In Tabula I cum Argumento AR ✱ — long. ☊ ☾ — 3 ſign. et in Tab. II cum Arg. AR ✱ + long. ☊ ☾ — 3 ſign. quaere numeros reſpondentes, quorum ſumma vel differentia in tangentem Declinationis ſtellae ducta, primam praebet Nutationis partem in Aſcenſionem rectam.

In tabula III cum Argumento ☊☾ invenies ſecundam partem Nutationis in Aſcenſionem rectam, quae cum priori pro ratione ſigni algebraici conflata Nutationem in Aſcenſionem rectam exhibet.

Ad inveniendam Nutationem in Declinationem excerpantur e Tabula I cum Argument. AR ✱ — long. ☊☾ et e Tab. II cum Arg. AR ✱ + long. ☊☾ quantitates competentes pro ſuis ſignis coaequandae.

TABVLA I.

Epochae Longitudinis mediae Nodi ascendentis Lunae, secundum Tabulas recentissimas Cl. BÜRG.

Tempore medio currente sub Merid. Observatorii SEEBERGENSIS.

Anni Stylo Gregor.	Long. Nodi ascend. Lunae				Anni Stylo Gregor.	Long. Nodi ascend. Lunae				Anni Stylo Gregor.	Long. Nodi ascend. Lunae			
1700C	5^{s}	17°	24′	18″	1780B	2^{s}	0°	2′	57″	1820B	0^{s}	6°	25′	26″
1704B	3	0	2	14	1781	1	10	43	13	1821	11	17	5	43
1708B	0	12	40	10	1782	0	21	23	30	1822	10	27	46	0
1712B	9	25	18	6	1783	0	2	3	46	1823	10	8	26	16
1716B	7	7	56	2	1784B	11	12	40	52	1824B	9	19	3	22
1720B	4	20	33	58	1785	10	23	21	9	1825	8	29	43	39
1724B	2	3	11	54	1786	10	4	1	26	1826	8	10	23	56
1728B	11	15	49	50	1787	9	14	41	42	1827	7	21	4	12
1732B	8	28	27	46	1788B	8	25	18	48	1828B	7	1	41	18
1736B	6	11	5	41	1789	8	5	59	5	1829	6	12	21	35
1740B	3	23	43	37	1790	7	16	39	22	1830	5	23	1	52
1744B	1	6	21	33	1791	6	27	19	38	1831	5	3	42	8
1748B	10	18	59	29	1792B	6	7	56	44	1832B	4	14	19	14
1750	9	10	20	2	1793	5	18	37	1	1833	3	24	59	31
1752B	8	1	37	25	1794	4	29	17	17	1834	3	5	39	47
1754	6	22	57	58	1795	4	9	57	34	1835	2	16	20	4
1756B	5	14	15	21	1796B	3	20	34	40	1836B	1	26	57	10
1757	4	24	55	38	1797	3	1	14	57	1837	1	7	37	27
1758	4	5	35	54	1798	2	11	55	13	1838	0	18	17	43
1759	3	16	16	11	1799	1	22	35	30	1839	11	28	58	4
1760B	2	26	53	17	1800B	1	3	15	47	1840B	11	9	35	6
1761	2	7	33	34	1801	0	13	56	3	1841	10	20	15	23
1762	1	18	13	50	1802	11	24	36	20	1842	10	0	55	39
1763	0	28	54	7	1803	11	5	16	37	1843	9	11	35	56
1764B	0	9	31	13	1804B	10	15	53	43	1844B	8	22	13	2
1765	11	20	11	30	1805	9	26	33	59	1845	8	2	53	19
1766	11	0	51	46	1806	9	7	14	16	1846	7	13	33	35
1767	10	11	32	3	1807	8	17	54	33	1847	6	24	13	52
1768B	9	22	9	9	1808B	7	28	31	39	1848B	6	4	50	58
1769	9	2	49	26	1809	7	9	11	55	1849	5	15	31	15
1770	8	13	29	42	1810	6	19	52	12	1850	4	26	11	31
1771	7	24	9	59	1811	6	0	22	29	1851	4	6	51	48
1772B	7	4	47	5	1812B	5	11	9	35	1852B	3	17	28	54
1773	6	15	27	22	1813	4	21	49	51	1853	2	28	9	11
1774	5	26	7	38	1814	4	2	30	8	1854	2	8	49	27
1775	5	6	47	55	1815	3	13	10	24	1855	1	19	29	44
1776B	4	17	25	1	1816B	2	23	47	30	1856B	1	0	6	50
1777	3	28	5	18	1817	2	4	27	47	1860B	10	12	44	46
1778	3	8	45	34	1818	1	15	8	4	1880B	9	15	54	25
1779	2	19	25	51	1819	0	25	48	20	1900C	8	19	7	15

TABVLA II.

Motus directus Nodi Lunae ad ſingulos anni dies, addendus ad Epocham Longit. ☊☾.

Dies commun.	Januarius + II^s	Februarius + II^s	Martius + II^s	Aprilis + II^s	Majus + II^s	Junius + II^s
	° ′ ″	° ′ ″	° ′ ″	° ′ ″	° ′ ″	° ′ ″
0	0 0 0	28 21 30	26 52 32	25 14 2	23 38 43	22 0 13
1	29 56 49	28 18 19	26 49 22	25 10 52	23 35 33	21 57 3
2	29 53 39	28 15 9	26 46 11	25 7 41	23 32 22	21 53 52
3	29 50 28	28 11 58	26 43 0	25 4 30	23 29 11	21 50 41
4	29 47 17	28 8 48	26 39 50	25 1 20	23 26 1	21 47 31
5	29 44 7	28 5 37	26 36 39	24 58 9	23 22 50	21 44 20
6	29 40 56	28 2 26	26 33 28	24 54 59	23 19 39	21 41 10
7	29 37 45	27 59 16	26 30 18	24 51 48	23 16 29	21 37 59
8	29 34 35	27 56 5	26 27 7	24 48 37	23 13 18	21 34 48
9	29 31 24	27 52 54	26 23 56	24 45 27	23 10 7	21 31 38
10	29 28 14	27 49 44	26 20 46	24 42 16	23 6 57	21 28 27
11	29 25 3	27 46 33	26 17 35	24 39 5	23 3 46	21 25 16
12	29 21 52	27 43 22	26 14 25	24 35 55	23 0 36	21 22 6
13	29 18 42	27 40 12	26 11 13	24 32 44	22 57 25	21 18 55
14	29 15 31	27 37 1	26 8 3	24 29 33	22 54 14	21 15 44
15	29 12 20	27 33 51	26 4 53	24 26 23	22 51 4	21 12 34
16	29 9 10	27 30 40	26 1 42	24 23 12	22 47 53	21 9 23
17	29 5 59	27 27 29	25 58 31	24 20 2	22 44 42	21 6 13
18	29 2 48	27 24 19	25 55 21	24 16 51	22 41 32	21 3 2
19	28 59 38	27 21 8	25 52 10	24 13 40	22 38 21	20 59 51
20	28 56 27	27 17 57	25 48 59	24 10 30	22 35 10	20 56 41
21	28 53 17	27 14 46	25 45 49	24 7 19	22 32 0	20 53 30
22	28 50 6	27 11 36	25 42 38	24 4 8	22 28 49	20 50 19
23	28 46 55	27 8 25	25 39 28	24 0 58	22 25 39	20 47 9
24	28 43 45	27 5 15	25 36 17	23 57 47	22 22 28	20 43 58
25	28 40 33	27 2 4	25 33 6	23 54 36	22 19 17	20 40 47
26	28 37 23	26 58 54	25 29 56	23 51 26	22 16 7	20 37 37
27	28 34 13	26 55 43	25 26 44	23 48 15	22 12 56	20 34 26
28	28 31 2	26 52 32	25 23 34	23 45 5	22 9 45	20 31 16
29	28 27 51		25 20 24	23 41 54	22 6 35	20 28 5
30	28 24 40		25 17 13	23 38 43	22 3 24	20 24 54
31	28 21 30		25 14 2		22 0 13	

A menſibus Januario et Februario anni biſſextilis ſumitur pro die data dies praecedens.

TABVLA II.

Motus directus Nodi Lunae ad ſingulos anni dies, addendus ad Epocham Longit. ☊ ☾.

Dies commun.	Julius + II^s	Auguſtus + II^s	September + II^s	October + II^s	Novembr. + II^s	December + II^s
	° ′ ″	° ′ ″	° ′ ″	° ′ ″	° ′ ″	° ′ ″
1	20 21 44	18 43 14	17 4 44	15 29 25	13 50 55	12 15 36
2	20 18 33	18 40 3	17 1 33	15 26 14	13 47 44	12 12 25
3	20 15 22	18 36 52	16 58 23	15 23 4	13 44 33	12 9 14
4	20 12 12	18 33 42	16 55 12	15 19 53	13 41 23	12 6 4
5	20 9 1	18 30 31	16 52 1	15 16 42	13 38 12	12 2 53
6	20 5 50	18 27 21	16 48 51	15 13 32	13 35 2	11 59 43
7	20 2 40	18 24 10	16 45 40	15 10 21	13 31 51	11 56 32
8	19 59 29	18 20 59	16 42 29	15 7 10	13 28 40	11 53 21
9	19 56 18	18 17 49	16 39 19	15 4 0	13 25 30	11 50 11
10	19 53 8	18 14 38	16 36 8	15 0 49	13 22 19	11 47 0
11	19 49 57	18 11 27	16 32 58	14 57 38	13 19 9	11 43 49
12	19 46 47	18 8 17	16 29 47	14 54 28	13 15 58	11 40 39
13	19 43 36	18 5 6	16 26 36	14 51 17	13 12 47	11 37 28
14	19 40 25	18 1 55	16 23 26	14 48 6	13 9 37	11 34 17
15	19 37 15	17 53 45	16 20 15	14 44 56	13 6 26	11 31 7
16	19 34 4	17 55 34	16 17 4	14 41 45	13 3 15	11 27 56
17	19 30 53	17 52 24	16 13 54	14 38 35	13 0 5	11 24 46
18	19 27 43	17 49 13	16 10 43	14 35 24	12 56 54	11 21 35
19	19 24 32	17 46 2	16 7 32	14 32 13	12 53 43	11 18 24
20	19 21 21	17 42 52	16 4 22	14 29 3	12 50 33	11 15 14
21	19 18 11	17 39 41	16 1 11	14 25 52	12 47 22	11 12 3
22	19 15 0	17 36 30	15 58 1	14 22 41	12 44 12	11 8 52
23	19 11 50	17 33 20	15 54 50	14 19 31	12 41 1	11 5 42
24	19 8 39	17 30 9	15 51 39	14 16 20	12 37 50	11 2 31
25	19 5 28	17 26 58	15 48 29	14 13 9	12 34 40	10 59 20
26	19 2 18	17 23 48	15 45 18	14 9 59	12 31 29	10 56 10
27	18 59 7	17 20 37	15 42 7	14 6 48	12 28 18	10 52 59
28	18 55 56	17 17 27	15 38 57	14 3 38	12 25 8	10 49 49
29	18 52 46	17 14 16	15 35 46	14 0 27	12 21 57	10 46 38
30	18 49 35	17 11 5	15 32 35	13 57 16	12 18 46	10 43 27
31	18 46 24	17 7 55		13 54 6		10 40 17

Tabvla III.

Motus medius retrogradus Nodi Lunae in annis Julianis completis.

Subtrahendus ab Epocha Long. ☊☾.

Anni Juliani	Motus retrogradus Nodi Lunae			
1	0°	19°	19′	43,″4
2	1	8	39	26, 7
3	1	27	59	10, 1
4 B	2	17	22	4, 1
5	3	6	41	47, 5
6	3	26	1	30, 8
7	4	15	21	14, 2
8 B	5	4	44	8, 2
9	5	24	3	51, 4
10	6	13	23	34, 8
11	7	2	43	18, 2
12 B	7	22	6	12, 2
13	8	11	25	55, 5
14	9	0	45	38, 9
15	9	20	5	22, 3
16 B	10	9	28	16, 3
18	11	18	7	43, 0
20 B	0	26	50	20, 4
22	2	5	29	47, 1
24 B	3	14	12	24, 5
28 B	6	1	34	28, 6
32 B	8	18	56	32, 7
36 B	11	6	18	36, 7
40 B	1	23	40	40, 8
50	8	7	4	15, 7
60 B	2	20	31	1, 2
70	9	3	54	36, 1
80 B	3	17	21	21, 6
90	10	0	44	56, 5
100 B	4	14	11	42, 0

Tabvla IV.

Motus medius retrogradus Nodi Lunae pro horis et minutis primis.

Subtrahendus ab Epocha Longit. ☊☾.

Hor.	Motus retrogr. Nodi Lunae		Min.	Motus retrogr. Nodi Lunae	Min.	Motus retrogr. Nodi Lunae
1	0′	8″	1	0,″1	31	4,″1
2	0	16	2	0, 3	32	4, 2
3	0	24	3	0, 4	33	4, 4
4	0	32	4	0, 5	34	4, 5
5	0	40	5	0, 7	35	4, 6
6	0	48	6	0, 8	36	4, 8
7	0	56	7	0, 9	37	4, 9
8	1	4	8	1, 1	38	5, 0
9	1	12	9	1, 2	39	5, 2
10	1	19	10	1, 3	40	5, 3
11	1	27	11	1, 5	41	5, 4
12	1	35	12	1, 6	42	5, 6
13	1	43	13	1, 7	43	5, 7
14	1	51	14	1, 9	44	5, 8
15	1	59	15	2, 0	45	6, 0
16	2	7	16	2, 1	46	6, 1
17	2	15	17	2, 3	47	6, 2
18	2	23	18	2, 4	48	6, 4
19	2	31	19	2, 5	49	6, 5
20	2	39	20	2, 6	50	6, 6
21	2	47	21	2, 8	51	6, 8
22	2	55	22	2, 9	52	6, 9
23	3	3	23	3, 0	53	7, 0
24	3	11	24	3, 2	54	7, 1
25	3	19	25	3, 3	55	7, 3
26	3	27	26	3, 4	56	7, 4
27	3	35	27	3, 6	57	7, 5
28	3	42	28	3, 7	58	7, 7
29	3	50	29	3, 8	59	7, 8
30	3	58	30	4, 0	60	7, 9

ERRATA

IN VOL. II.

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7. Long. ☉ 2ˢ 30° lege 2ˢ 20°.
— Long. ☊ 4 16 — 4 10.
14. o ♈ Var. annua AR. 19,″21 lege 49,″21.
19. ρ² ♈ Num. *Flamſteed.* 40 — 45.
29. 10 ♉ muta ſigna, et pro var. ann. decl. et pro nutat. in decl.
— — decl. 0° 16′ 54″ lege 0° 14′ 24″.
34. e ♉ in tab. nutat in decl. Long. ☊ 2ˢ 10°, 1,″24 lege — 1,″24 +
35. λ ♉ Var. annua AR. 19,″56 . . . . . — 49,″56
41. μ ♉ differ. nutat. in AR. lin. 9, 0,″05 . . . . — 0,″15
43. Φ ♉ num. *Flamſteed.* 32. . . . . — 52
49. r ♉ in aberr. in AR. Long. ☉ 5ˢ 0°, — 1,″85 — — — 1,″85 +
— — — — — — — — 5 10, + 1, 61 + — + 1, 61 —
68. o ♉ o lege o.
70. 125 ♉ num. *Flamſteed.* 225 lege 125.
79. 11 ♊ in aberr. in AR. Long. ☉ 0ˢ 10°, — 3,″17 lege — 3,″17 +
80. μ ♊ in nutat. in decl. Long. ☊ 3 0, + 0,″32 + — + 0,″82 —
— — 3 10, — 1, 33 — — — 1, 33 +
95. o ♊ o lege o.
107. p ♊ decl. Cl. *Barry* 51° lege 21°.
109. α ♊ nutat. in decl. Long. ☊ 0ˢ 0°, 9,″94 lege 8,″94, inde differ. prima 0,″29 loco 0,″71.
124. 3 ♋ AR. ſec. *de Zach* 117° 16′ 59″ lege 117° 19′ 39″
142. o ♋ aberr. in AR. Long. ☉ 0ˢ 0°, 12,″49 lege 11,″81, et inde differ. prima 3,″14 loco 3,″82.
143. 39 ♋ aberr. in AR. Long. ☉ 0ˢ 0°, 12,″51 — 11,″83, et inde differ. prima 3,″15 loco 3,″83.
176. o ♌ o lege o.
187. α ♌ AR. Cl. *Maskelyne* 149° 25′ 32″ lege 149° 25′ 36″.
191. 44 ♌ aberr. in decl. Long. ☉ 5ˢ 20°, 7,″88 lege 6,″88.
204. 61 ♌ decl. *Flamſteed.* 1° 18′ 42″ . . . . — 1° 25′ 4″.
— — decl. Cl. *Barry* . . . . . — Cl. decl. *de la Lande*,
208 s ♌ decl. Cl. *Barry* 1° 0′ 1″ lege 1° 1′ 1″.
212. Φ ♌ muta ſigna nutat. in declin.
219. e ♌ muta ſigna nutat. in declin.
223. β ♌ AR. Cl. *Maskelyne* 174° 42′ 58″ lege 174° 42′ 37″.
227. γ ♍ nutat. in decl. Long. ☊ 0ˢ 0°, 0,″73 — 1,″03 et inde differ. prima 1,″20 loco 1,″50.
228. β ♍ AR. Cl. *Maskelyne* 175° 4′ 29″ . — 175° 4′ 6″.
232. e ♍ o lege e.

Pag.

239. 23 ♏ Ob erroneam decl. *Flamſteed.* tabula aberr. in decl. falſa eſt. Adhibita decl. Cl. *Barry* in ſequentem abit:

Aberr. in decl.	Diff.
— 8,"21 +	
7, 49	0,"72
6, 55	0, 94
	1, 14
5, 41	
4, 10	1, 31
2, 67	1, 43
	1, 53
— 1, 15 +	
+ 0, 39 —	1, 54
1, 93	1, 54
	1, 48
3, 41	1, 37
4, 78	1, 23
6, 01	
	1, 08
7, 05	0, 83
7, 88	0, 60
8, 48	
	0, 33
8, 81	0, 07
8, 88	0, 20
8, 68	

250. g ♏ muta ſigna nutat. in decl.

251. θ ♏ aberr. in AR. Long. ☉ 0ˢ 0°, — 17,"77 + lege + 17,"77 —

262. ζ ♏ aberr. in AR. Long. ☉ 3ˢ 20°, + 0,"90 + — + 0,"90 —

— — — — — — — — 4 0, — 2, 33 — — — 2, 33 +

291. o ♎ ⊙ lege o.

311. 312. } paginae 310 et 289 perperam notatae.

335. b ♐ *b* lege *b'*.

339. μ^2 ♐ nutat. in AR. Long. ♌ 0ˢ 10°, 3,"26 lege — 3,"26 +

351. o ♐ o lege o.

359. h' ♐ numer. *Flamſteed.* 52 lege 51.

360. e^2 ♐ — — — 54 — 55.

364. b ♐ *b* lege b^2.

435. h' ♒ AR. Cl. *Bradleji* 353ˢ lege 343°.

472. i ♓ ι lege i.

476. ε ♓ decl. auſtralis lege borealis.

490. π ♓ decl. auſtralis — borealis.

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495. ν ♒ pag. 407 lege 406.
— 18 ♒ — 406 — 407.
— ϱ^2 ♈ num. *Flamſteed.* 40 lege 45.

497. γ 20 ♎ lege 20 ♎.
— 65 ♓ ι lege i.

498. 4 ♐ *b* — *b'*.
— 59 ♐ *b* — b^2.
— e^2 ♐ num. *Flamſteed.* 54 lege 55.
— h' ♐ — — — 52 — 51.
— 65 ♏ ζ lege ζ^2.
— 26 ♏ ι — ε.
— 114 ♉ o — o.

499. 1 ♉ o — o.
— 61 ♏ pag. 256 lege 255.
— 64 ♏ — 255 — 256.

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